

REFINITIV

DELTA REPORT

10-Q

MKV CL - MARKEL GROUP INC.
10-Q - JUNE 30, 2024 COMPARED TO 10-Q - MARCH 31, 2024

The following comparison report has been automatically generated

TOTAL DELTAS	1183
CHANGES	178
DELETIONS	487
ADDITIONS	518

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

☒ Quarterly report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 for the quarterly period ended **March 31, 2024** **June 30, 2024**

or

☐ Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 for the transition period from _____ to _____

Commission File Number: 001-15811

MARKEL GROUP INC.

(Exact name of registrant as specified in its charter)

Virginia
(State or other jurisdiction of
incorporation or organization)

54-1959284
(I.R.S. Employer
Identification No.)

4521 Highwoods Parkway, Glen Allen, Virginia 23060-6148
(Address of principal executive offices) (Zip Code)

(804) 747-0136
(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of exchange on which registered
Common Stock, no par value	MKL	New York Stock Exchange

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>	Non-accelerated filer	<input type="checkbox"/>
Smaller reporting company	<input type="checkbox"/>	Emerging growth company	<input type="checkbox"/>		

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

Number of shares of the registrant's common stock outstanding at **April 24, 2024** **July 24, 2024**: **13,002,646** **12,945,385**

Markel Group Inc.
Form 10-Q
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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

MARKEL GROUP INC. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS

	March 31, 2024	December 31, 2023
	June 30, 2024	December 31, 2023

(dollars in thousands)

ASSETS
ASSETS
ASSETS

Investments, at estimated fair value:
Investments, at estimated fair value:
Investments, at estimated fair value:

Fixed maturity securities, available-for-sale (amortized cost of \$15,227,752 in 2024 and \$14,932,286 in 2023)		
Fixed maturity securities, available-for-sale (amortized cost of \$15,227,752 in 2024 and \$14,932,286 in 2023)		
Fixed maturity securities, available-for-sale (amortized cost of \$15,227,752 in 2024 and \$14,932,286 in 2023)		
Equity securities (cost of \$3,573,927 in 2024 and \$3,497,071 in 2023)		
Fixed maturity securities, available-for-sale (amortized cost of \$15,721,795 in 2024 and \$14,932,286 in 2023)		
Fixed maturity securities, available-for-sale (amortized cost of \$15,721,795 in 2024 and \$14,932,286 in 2023)		
Fixed maturity securities, available-for-sale (amortized cost of \$15,721,795 in 2024 and \$14,932,286 in 2023)		
Equity securities (cost of \$3,707,792 in 2024 and \$3,497,071 in 2023)		
Short-term investments, available-for-sale (estimated fair value approximates cost)		
Total Investments		
Cash and cash equivalents		
Restricted cash and cash equivalents		
Receivables		
Reinsurance recoverables		
Deferred policy acquisition costs		
Prepaid reinsurance premiums		
Goodwill		
Intangible assets		
Other assets		
Total Assets		
LIABILITIES AND EQUITY		
Unpaid losses and loss adjustment expenses		
Unpaid losses and loss adjustment expenses		
Unpaid losses and loss adjustment expenses		
Life and annuity benefits		
Unearned premiums		
Payables to insurance and reinsurance companies		
Senior long-term debt and other debt (estimated fair value of \$3,386,000 in 2024 and \$3,353,000 in 2023)		
Senior long-term debt and other debt (estimated fair value of \$3,877,000 in 2024 and \$3,353,000 in 2023)		
Other liabilities		
Total Liabilities		
Redeemable noncontrolling interests		
Commitments and contingencies	Commitments and contingencies	Commitments and contingencies
Shareholders' equity:		
Preferred stock		
Preferred stock		
Preferred stock		
Common stock		
Retained earnings		
Accumulated other comprehensive loss		
Total Shareholders' Equity		
Noncontrolling interests		
Total Equity		
Total Liabilities and Equity		

See accompanying notes to consolidated financial statements.

MARKEL GROUP INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF INCOME AND COMPREHENSIVE INCOME

(Unaudited)

	Three Months Ended March 31,			Three Months Ended March 31,			Three Months Ended March 31,		
	Quarter Ended June 30,			Six Months Ended June 30,					
	2024		2024	2023		2023	2024	2023	2023

(dollars in thousands, except per share data)

OPERATING REVENUES
OPERATING REVENUES
OPERATING REVENUES
Earned premiums
Earned premiums
Earned premiums
Net investment income
Net investment gains
Net investment gains (losses)
Products revenues
Services and other revenues
Total Operating Revenues
OPERATING EXPENSES
Losses and loss adjustment expenses
Losses and loss adjustment expenses
Losses and loss adjustment expenses
Underwriting, acquisition and insurance expenses
Products expenses
Services and other expenses
Amortization of acquired intangible assets
Total Operating Expenses
Total Operating Expenses
Total Operating Expenses
Operating Income
Interest expense
Foreign exchange gains (losses)
Income Before Income Taxes
Income Before Income Taxes
Income Before Income Taxes
Income tax expense
Net Income
Net income attributable to noncontrolling interests
Net Income to Shareholders
Preferred stock dividends
Net Income to Common Shareholders
Net Income to Common Shareholders
Net Income to Common Shareholders
OTHER COMPREHENSIVE INCOME (LOSS)
OTHER COMPREHENSIVE INCOME (LOSS)
OTHER COMPREHENSIVE INCOME (LOSS)
Change in net unrealized losses on available-for-sale investments, net of taxes:
Change in net unrealized losses on available-for-sale investments, net of taxes:
Change in net unrealized losses on available-for-sale investments, net of taxes:
Net holding gains (losses) arising during the period

Net holding gains (losses) arising during the period
Net holding gains (losses) arising during the period
Reclassification adjustments for net losses in net income
Reclassification adjustments for net losses in net income
Reclassification adjustments for net losses in net income
Change in net unrealized losses on available-for-sale investments, net of taxes
Change in discount rate for life and annuity benefits, net of taxes
Change in foreign currency translation adjustments, net of taxes
Change in net actuarial pension loss, net of taxes
Total Other Comprehensive Income (Loss)
Comprehensive Income
Comprehensive income attributable to noncontrolling interests
Comprehensive Income to Shareholders
NET INCOME PER COMMON SHARE
NET INCOME PER COMMON SHARE
NET INCOME PER COMMON SHARE
Basic
Basic
Basic
Diluted

See accompanying notes to consolidated financial statements.

MARKEL GROUP INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(Unaudited)

				Accumulated					Redeemable
	Preferred	Common	Retained	Other	Total	Noncontrolling			Noncontrolling
Quarter Ended June 30, 2024	Stock	Stock	Earnings	Comprehensive	Shareholders'	Interests	Total Equity		Interests
(dollars in thousands)				Loss	Equity				
March 31, 2024	\$ 591,891	\$ 3,547,912	\$ 12,184,925	\$ (595,009)	\$ 15,729,719	\$ 87,804	\$ 15,817,523	\$	499,993
Net income			267,701	—	267,701	7,903	275,604		14,246
Other comprehensive income (loss)			—	(23,345)	(23,345)	—	(23,345)		12
Comprehensive income					244,356	7,903	252,259		14,258
Repurchase of common stock	—	—	(99,310)	—	(99,310)	—	(99,310)		—
Preferred stock dividends	—	—	(18,000)	—	(18,000)	—	(18,000)		—
Equity awards expensed	—	8,345	—	—	8,345	—	8,345		—
Adjustment of redeemable noncontrolling interests	—	—	(6,100)	—	(6,100)	—	(6,100)		6,100
Purchase of noncontrolling interests	—	(9,596)	—	—	(9,596)	—	(9,596)		(36,896)
Other	—	—	611	(1)	610	2,823	3,433		(6,937)
June 30, 2024	<u>\$ 591,891</u>	<u>\$ 3,546,661</u>	<u>\$ 12,329,827</u>	<u>\$ (618,355)</u>	<u>\$ 15,850,024</u>	<u>\$ 98,530</u>	<u>\$ 15,948,554</u>	<u>\$</u>	<u>476,518</u>

				Accumulated					Redeemable
	Preferred	Common	Retained	Other	Total	Noncontrolling			Noncontrolling
Six Months Ended June 30, 2024	Stock	Stock	Earnings	Comprehensive	Shareholders'	Interests	Total Equity		Interests
(dollars in thousands)				Loss	Equity				
December 31, 2023	\$ 591,891	\$ 3,517,146	\$ 11,353,101	\$ (478,210)	\$ 14,983,928	\$ 72,280	\$ 15,056,208	\$	469,685
Net income			1,292,885	—	1,292,885	23,427	1,316,312		22,720

Other comprehensive income (loss)			—	(140,144)	(140,144)	—	(140,144)	72
Comprehensive income					1,152,741	23,427	1,176,168	22,792
Repurchase of common stock	—	—	(260,192)	—	(260,192)	—	(260,192)	—
Preferred stock dividends	—	—	(18,000)	—	(18,000)	—	(18,000)	—
Equity awards expensed	—	39,111	—	—	39,111	—	39,111	—
Adjustment of redeemable noncontrolling interests	—	—	(38,702)	—	(38,702)	—	(38,702)	38,702
Purchase of noncontrolling interests	—	(9,596)	—	—	(9,596)	—	(9,596)	(36,896)
Other	—	—	735	(1)	734	2,823	3,557	(17,765)
June 30, 2024	\$ 591,891	\$ 3,546,661	\$ 12,329,827	\$ (618,355)	\$ 15,850,024	\$ 98,530	\$ 15,948,554	\$ 476,518

See accompanying notes to consolidated financial statements.

MARKEL GROUP INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(Unaudited)

	Preferred Stock	Common Stock	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Noncontrolling Interests	Total Equity	Redeemable Noncontrolling Interests
Quarter Ended June 30, 2023								
<i>(dollars in thousands)</i>								
March 31, 2023	\$ 591,891	\$ 3,506,972	\$ 10,255,401	\$ (609,781)	\$ 13,744,483	\$ 44,838	\$ 13,789,321	\$ 491,883
Net income			695,511	—	695,511	8,745	704,256	11,674
Other comprehensive loss			—	(130,962)	(130,962)	—	(130,962)	(21)
Comprehensive income					564,549	8,745	573,294	11,653
Repurchase of common stock	—	—	(105,197)	—	(105,197)	—	(105,197)	—
Preferred stock dividends	—	—	(18,000)	—	(18,000)	—	(18,000)	—
Equity awards expensed	—	4,830	—	—	4,830	—	4,830	—
Adjustment of redeemable noncontrolling interests	—	—	(5,758)	—	(5,758)	—	(5,758)	5,758
Purchase of noncontrolling interest	—	3,931	—	—	3,931	—	3,931	(36,431)
Other	—	(371)	(2,968)	—	(3,339)	(1)	(3,340)	(8,421)
June 30, 2023	\$ 591,891	\$ 3,515,362	\$ 10,818,989	\$ (740,743)	\$ 14,185,499	\$ 53,582	\$ 14,239,081	\$ 464,442

	Preferred Stock	Common Stock	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Noncontrolling Interests	Total Equity	Redeemable Noncontrolling Interests
Six Months Ended June 30, 2023								
<i>(dollars in thousands)</i>								
December 31, 2022	\$ 591,891	\$ 3,493,893	\$ 9,832,804	\$ (767,494)	\$ 13,151,094	\$ 62,791	\$ 13,213,885	\$ 523,154
Net income			1,184,163	—	1,184,163	53,438	1,237,601	16,128
Other comprehensive income			—	26,751	26,751	—	26,751	11
Comprehensive income					1,210,914	53,438	1,264,352	16,139
Repurchase of common stock	—	—	(187,161)	—	(187,161)	—	(187,161)	—
Preferred stock dividends	—	—	(18,000)	—	(18,000)	—	(18,000)	—
Equity awards expensed	—	26,528	—	—	26,528	—	26,528	—
Adjustment of redeemable noncontrolling interests	—	—	7,715	—	7,715	—	7,715	(7,715)
Purchase of noncontrolling interest	—	(4,688)	—	—	(4,688)	—	(4,688)	(49,477)
Redemption of Markel CATCo Re noncontrolling interests	—	—	—	—	—	(62,646)	(62,646)	—
Other	—	(371)	(532)	—	(903)	(1)	(904)	(17,659)
June 30, 2023	\$ 591,891	\$ 3,515,362	\$ 10,818,989	\$ (740,743)	\$ 14,185,499	\$ 53,582	\$ 14,239,081	\$ 464,442

See accompanying notes to consolidated financial statements.

MARKEL GROUP INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(Unaudited)

	Preferred Stock	Common Stock	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Noncontrolling Interests	Total Equity	Redeemable Noncontrolling Interests
Three Months Ended March 31, 2024								
<i>(dollars in thousands)</i>								
December 31, 2023	\$ 591,891	\$ 3,517,146	\$ 11,353,101	\$ (478,210)	\$ 14,983,928	\$ 72,280	\$ 15,056,208	\$ 469,685
Net income			1,025,184	—	1,025,184	15,524	1,040,708	8,474
Other comprehensive income (loss)			—	(116,799)	(116,799)	—	(116,799)	60
Comprehensive income					908,385	15,524	923,909	8,534
Repurchase of common stock	—	—	(160,882)	—	(160,882)	—	(160,882)	—
Restricted stock unit awards expensed	—	30,766	—	—	30,766	—	30,766	—
Adjustment of redeemable noncontrolling interests	—	—	(32,602)	—	(32,602)	—	(32,602)	32,602
Other	—	—	124	—	124	—	124	(10,828)
March 31, 2024	\$ 591,891	\$ 3,547,912	\$ 12,184,925	\$ (595,009)	\$ 15,729,719	\$ 87,804	\$ 15,817,523	\$ 499,993

	Preferred Stock	Common Stock	Retained Earnings	Accumulated Other Comprehensive Loss	Total Shareholders' Equity	Noncontrolling Interests	Total Equity	Redeemable Noncontrolling Interests
Three Months Ended March 31, 2023								
<i>(dollars in thousands)</i>								
December 31, 2022	\$ 591,891	\$ 3,493,893	\$ 9,832,804	\$ (767,494)	\$ 13,151,094	\$ 62,791	\$ 13,213,885	\$ 523,154
Net income			488,652	—	488,652	44,693	533,345	4,454
Other comprehensive income			—	157,713	157,713	—	157,713	32
Comprehensive income					646,365	44,693	691,058	4,486
Repurchase of common stock	—	—	(81,964)	—	(81,964)	—	(81,964)	—
Restricted stock unit awards expensed	—	21,698	—	—	21,698	—	21,698	—
Adjustment of redeemable noncontrolling interests	—	—	13,473	—	13,473	—	13,473	(13,473)
Purchase of noncontrolling interest	—	(8,619)	—	—	(8,619)	—	(8,619)	(13,046)
Redemption of Markel CATCo Re noncontrolling interests	—	—	—	—	—	(62,646)	(62,646)	—
Other	—	—	2,436	—	2,436	—	2,436	(9,238)
March 31, 2023	\$ 591,891	\$ 3,506,972	\$ 10,255,401	\$ (609,781)	\$ 13,744,483	\$ 44,838	\$ 13,789,321	\$ 491,883

See accompanying notes to consolidated financial statements.

MARKEL GROUP INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

	Three Months Ended March		Six Months Ended June 30,	
	31,			
	2024	2024	2023	2024
<i>(dollars in thousands)</i>				

OPERATING ACTIVITIES
OPERATING ACTIVITIES
OPERATING ACTIVITIES
Net income
Net income
Net income
Adjustments to reconcile net income to net cash provided by operating activities
Net Cash Provided By Operating Activities
INVESTING ACTIVITIES
Proceeds from sales, maturities, calls and prepayments of fixed maturity securities
Proceeds from sales, maturities, calls and prepayments of fixed maturity securities
Proceeds from sales, maturities, calls and prepayments of fixed maturity securities
Cost of fixed maturity securities purchased
Proceeds from sales of equity securities
Cost of equity securities purchased
Net change in short-term investments
Cost of other investments purchased
Cost of other investments purchased
Cost of other investments purchased
Additions to property and equipment
Additions to property and equipment
Additions to property and equipment
Acquisitions, net of cash acquired
Acquisitions, net of cash acquired
Acquisitions, net of cash acquired
Other
Other
Proceeds from sales of subsidiaries, net
Other
Net Cash Used By Investing Activities
FINANCING ACTIVITIES
Additions to senior long-term debt and other debt
Additions to senior long-term debt and other debt
Additions to senior long-term debt and other debt
Repayment of senior long-term debt and other debt
Repurchases of common stock
Repurchases of common stock
Repurchases of common stock
Repurchases of common stock
Repurchases of common stock
Redemption of Markel CATCo Re noncontrolling interests
Redemption of Markel CATCo Re noncontrolling interests
Dividends paid on preferred stock
Dividends paid on preferred stock
Dividends paid on preferred stock
Redemption of Markel CATCo Re noncontrolling interests
Purchase of noncontrolling interests
Other
Net Cash Used By Financing Activities
Net Cash Provided (Used) By Financing Activities
Effect of foreign currency rate changes on cash, cash equivalents, restricted cash and restricted cash equivalents
Decrease in cash, cash equivalents, restricted cash and restricted cash equivalents

Increase (decrease) in cash, cash equivalents, restricted cash and restricted cash equivalents

Cash, cash equivalents, restricted cash and restricted cash equivalents at beginning of period

CASH, CASH EQUIVALENTS, RESTRICTED CASH AND RESTRICTED CASH EQUIVALENTS AT END OF PERIOD

See accompanying notes to consolidated financial statements.

**MARKEL GROUP INC. AND SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

1. Summary of Significant Accounting Policies

Markel Group Inc. (Markel Group) is a holding company comprised of a diverse group of companies and investments with specialty insurance at its core. Through its wholly owned subsidiary, Markel Ventures, Inc. (Markel Ventures), Markel Group owns controlling interests in businesses that operate in a variety of industries. See note 2 for details regarding reportable segments.

a) Basis of Presentation. The consolidated balance sheet as of **March 31, 2024** **June 30, 2024** and the related consolidated statements of income and comprehensive income and changes in equity for the **three quarters and six months ended** **March 31, 2024** **June 30, 2024** and 2023, and the condensed consolidated statements of cash flows for the **three six months ended** **March 31, 2024** **June 30, 2024** and 2023 are unaudited. In the opinion of management, all adjustments necessary for fair presentation of such consolidated financial statements have been included. Such adjustments consist only of normal, recurring items. Interim results are not necessarily indicative of results of operations for the entire year. The consolidated balance sheet as of December 31, 2023 was derived from Markel Group's audited annual consolidated financial statements.

The accompanying consolidated financial statements have been prepared in accordance with United States (U.S.) generally accepted accounting principles (GAAP) and include the accounts of Markel Group and its consolidated subsidiaries, as well as variable interest entities (VIEs) that meet the requirements for consolidation (the Company). All significant intercompany balances and transactions have been eliminated in consolidation. The Company consolidates the results of its Markel Ventures subsidiaries on a one-month lag, with the exception of significant transactions or events that occur during the intervening period. Certain prior period amounts have been reclassified to conform to the current period presentation.

The preparation of financial statements in accordance with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses and the disclosure of contingent assets and liabilities. Actual results may differ materially from the estimates and assumptions used in preparing the consolidated financial statements.

The consolidated financial statements and notes are presented as permitted by Form 10-Q and do not contain certain information included in the Company's annual consolidated financial statements and notes. For a more complete description of the Company's business and accounting policies, readers are urged to review the Company's 2023 Annual Report on Form 10-K.

b) Recent Accounting Pronouncements

Accounting Standards Not Yet Adopted

In November 2023, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2023-07, *Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures*. The standard requires public companies to, among other things: (1) disclose, on an annual and interim basis, significant segment expenses that are regularly provided to the chief operating decision maker and included within each reported measure of segment profit or loss; (2) disclose, on an annual and interim basis, an amount for other segment expenses that are not separately disclosed as significant segment expenses and a description of its composition; (3) provide all annual disclosures about a reportable segment's profit or loss and assets currently required by Topic 280 in interim periods; and (4) disclose the title and position of the chief operating decision maker and an explanation of how the chief operating decision maker uses the reported measures of segment profit or loss in assessing segment performance and deciding how to allocate resources. ASU No. 2023-07 becomes effective for the Company in the fourth quarter of 2024 and will be applied using a retrospective approach that requires recasting of all prior periods presented. The standard only impacts required disclosures and will not impact the Company's financial position, results of operations or cash flows.

In December 2023, the FASB issued ASU No. 2023-09, *Income Taxes (Topic 740): Improvements to Income Tax Disclosures*. The standard requires public companies, on an annual basis, to provide enhanced rate reconciliation disclosures, including disclosure of specific categories and additional information for reconciling items that meet a quantitative threshold. The standard also requires public companies to, among other things, disaggregate income taxes paid by federal, state and foreign taxes. ASU No. 2023-09 becomes effective for the Company's 2025 Annual Report on Form 10-K. The standard only impacts required disclosures and will not impact the Company's financial position, results of operations or cash flows.

2. Segment Reporting Disclosures

The Company has four reportable segments: Insurance, Reinsurance, Investing and Markel Ventures.

The chief operating decision maker reviews the Company's ongoing underwriting operations on a global basis in the following two segments: Insurance and Reinsurance. The Insurance segment includes all direct business and facultative reinsurance placements written on a risk-bearing basis within the Company's underwriting operations. The Reinsurance segment includes all treaty reinsurance written on a risk-bearing basis within the Company's underwriting operations.

The Company's other insurance operations primarily consist of the results of the Company's program services and other fronting business and insurance-linked securities operations. Other insurance operations also include results for lines of business discontinued prior to, or in conjunction with, acquisitions, including development on asbestos and environmental loss reserves and results attributable to the run-off of life and annuity reinsurance business, which are monitored separately from the Company's ongoing underwriting operations. For purposes of segment reporting, none of these other insurance operations are considered to be reportable segments.

The Company's Investing segment includes all investing activities related to the Company's insurance operations, as well as investing activities at Markel Group. Invested assets managed through our the Investing segment include our the Company's portfolio of publicly traded fixed maturity and equity securities, as well as cash and short-term investments.

The Markel Ventures segment primarily consists of controlling interests in a diverse portfolio of businesses that operate in various industries. The Company's chief operating decision maker reviews and assesses Markel Ventures' performance in the aggregate, as a single operating segment.

Segment profit for all of the Company's segments is measured by operating income. Segment operating income excludes amortization of intangible assets arising from purchase accounting for acquisitions, which the chief operating decision maker does not consider in assessing the financial performance of, or allocating resources to, operating segments. Amortization of acquired intangible assets is considered a corporate expense because it is not a cost of operating the underlying businesses. For our the Insurance and Reinsurance segments, segment operating income is typically consistent with underwriting profit, which the property and casualty insurance industry commonly defines as earned premiums net of losses and loss adjustment expenses and underwriting, acquisition and insurance expenses. Segment operating income for these two segments may also include other revenues and expenses that are not captured in underwriting profit.

Prior to 2024, the segment profitability metric for the Markel Ventures segment included amortization of acquired intangible assets. The new metric, as previously described, better aligns with how the chief operating decision maker reviews and assesses the performance of the Markel Ventures segment. Prior periods have been recast to conform to the current presentation. Management continues to evaluate the Company's segments as its business evolves and may further refine its segments and segment profitability metric.

For management reporting purposes, the Company allocates assets to its underwriting operations and to its Investing and Markel Ventures segments and certain of its other insurance operations, including its program services and other fronting business and insurance-linked securities business. Underwriting assets include assets attributed to the Company's Insurance and Reinsurance segments, discontinued underwriting lines of business, as well as assets that are not specifically allocated to the Company's other insurance operations. Generally, the Company manages its underwriting assets in the aggregate and therefore does not allocate assets to individual underwriting segments.

a) The following tables summarize the Company's segment disclosures.

	Three Months Ended March 31, 2024								Quarter Ended June 30, 2024							
	<i>(dollars in thousands)</i>	Insurance	Reinsurance	Investing	Markel Ventures	Other insurance operations	Corporate	Consolidated	<i>(dollars in thousands)</i>	Insurance	Reinsurance	Investing	Markel Ventures	Other insurance operations	Corporate	Consolidated
Earned premiums																
Net investment income																
Net investment gains																
Net investment losses																
Products revenues																
Services and other revenues																
Total operating revenues																
Losses and loss adjustment expenses:																
Current accident year																
Current accident year																
Current accident year																
Prior accident years																
Underwriting, acquisition and insurance expenses:																
Amortization of policy acquisition costs																

Amortization of policy acquisition costs
Amortization of policy acquisition costs
Other underwriting expenses
Products expenses
Services and other expenses
Amortization of acquired intangible assets
Operating income
Operating income
Operating income
Interest expense
Net foreign exchange gains
Income before income taxes
Income before income taxes
Income before income taxes

	Three Months Ended March 31, 2023								Quarter Ended June 30, 2023									
	<i>(dollars in thousands)</i>	Insurance	Reinsurance	Investing	Ventures	Market	Other insurance operations	Corporate	Consolidated	<i>(dollars in thousands)</i>	Insurance	Reinsurance	Investing	Ventures	Market	Other insurance operations	Corporate	Consolidated
Earned premiums																		
Net investment income																		
Net investment gains																		
Products revenues																		
Services and other revenues																		
Total operating revenues																		
Losses and loss adjustment expenses:																		
Current accident year																		
Current accident year																		
Current accident year																		
Prior accident years																		
Underwriting, acquisition and insurance expenses:																		
Amortization of policy acquisition costs																		
Amortization of policy acquisition costs																		
Amortization of policy acquisition costs																		
Other underwriting expenses																		
Products expenses																		
Services and other expenses																		
Amortization of acquired intangible assets																		
Operating income																		
Operating income																		

Operating income
Interest expense
Net foreign exchange losses
Income before income taxes
Income before income taxes
Income before income taxes

	Six Months Ended June 30, 2024						
<i>(dollars in thousands)</i>	Insurance	Reinsurance	Investing	Markel Ventures	Other insurance operations	Corporate	Consolidated
Earned premiums	\$ 3,687,464	\$ 517,969	\$ —	\$ —	\$ (707)	\$ —	\$ 4,204,726
Net investment income	—	—	437,658	3,672	—	—	441,330
Net investment gains	—	—	772,264	—	—	—	772,264
Products revenues	—	—	—	1,448,059	—	—	1,448,059
Services and other revenues	—	—	30,203	1,142,656	129,260	—	1,302,119
Total operating revenues	3,687,464	517,969	1,240,125	2,594,387	128,553	—	8,168,498
Losses and loss adjustment expenses:							
Current accident year	(2,393,510)	(348,110)	—	—	—	—	(2,741,620)
Prior accident years	243,784	(5,812)	—	—	(16,674)	—	221,298
Underwriting, acquisition and insurance expenses:							
Amortization of policy acquisition costs	(731,936)	(124,290)	—	—	—	—	(856,226)
Other underwriting expenses	(565,313)	(26,426)	—	—	(1,082)	—	(592,821)
Products expenses	—	—	—	(1,216,940)	—	—	(1,216,940)
Services and other expenses	—	—	—	(1,096,034)	(51,867)	—	(1,147,901)
Amortization of acquired intangible assets						(88,522)	(88,522)
Operating income	\$ 240,489	\$ 13,331	\$ 1,240,125	\$ 281,413	\$ 58,930	\$ (88,522)	\$ 1,745,766
Interest expense							(98,145)
Net foreign exchange gains							60,211
Income before income taxes							\$ 1,707,832

	Six Months Ended June 30, 2023						
<i>(dollars in thousands)</i>	Insurance	Reinsurance	Investing	Markel Ventures	Other insurance operations	Corporate	Consolidated
Earned premiums	\$ 3,474,110	\$ 525,522	\$ —	\$ —	\$ (785)	\$ —	\$ 3,998,847
Net investment income	—	—	327,521	1,507	—	—	329,028
Net investment gains	—	—	857,090	—	—	—	857,090
Products revenues	—	—	—	1,362,808	—	—	1,362,808
Services and other revenues	—	—	(8,758)	1,126,944	119,966	—	1,238,152
Total operating revenues	3,474,110	525,522	1,175,853	2,491,259	119,181	—	7,785,925
Losses and loss adjustment expenses:							
Current accident year	(2,156,996)	(343,102)	—	—	—	—	(2,500,098)
Prior accident years	124,190	16,678	—	—	(1,660)	—	139,208
Underwriting, acquisition and insurance expenses:							
Amortization of policy acquisition costs	(727,499)	(133,352)	—	—	—	—	(860,851)
Other underwriting expenses	(482,650)	(26,328)	—	—	(3,763)	—	(512,741)
Products expenses	—	—	—	(1,167,225)	—	—	(1,167,225)
Services and other expenses	—	—	—	(1,061,806)	(9,630)	—	(1,071,436)
Amortization of acquired intangible assets						(88,822)	(88,822)
Operating income	\$ 231,155	\$ 39,418	\$ 1,175,853	\$ 262,228	\$ 104,128	\$ (88,822)	\$ 1,723,960

Interest expense	(96,659)
Net foreign exchange losses	(47,904)
Income before income taxes	\$ 1,579,397

b) The following table reconciles segment assets to the Company's consolidated balance sheets.

<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	March 31, 2024	December 31, 2023	<i>(dollars in thousands)</i>	June 30, 2024	December 31, 2023
Segment assets:						
Investing						
Investing						
Investing						
Underwriting						
Markel Ventures						
Total segment assets						
Other insurance operations						
Total assets						

3.Acquisition

Valor Environmental

In June 2024, the Company acquired 98% of Valor Environmental (Valor), an environmental services company providing erosion control and related services to commercial development sites and homebuilders throughout the United States. The Company has the option to acquire the remaining equity interests and the remaining equity holders have the option to sell their interests to the Company in the future. Total consideration for the transaction was \$156.4 million, all of which was cash. The purchase price was preliminarily allocated to the acquired assets and liabilities of Valor based on estimated fair value at the acquisition date. The Company recognized goodwill of \$107.5 million and intangible assets of \$49.0 million. Goodwill is primarily attributable to expected future earnings and cash flow potential of Valor, and it is not expected to be deductible for income tax purposes. Results attributable to Valor will be included in the Company's Markel Ventures segment beginning in the third quarter of 2024.

The Company has not completed the process of determining the fair value of the assets acquired and liabilities assumed. As a result, the fair value recorded for these items is a provisional estimate and is subject to adjustment. Once completed, any adjustments resulting from the valuations may impact the individual amounts recorded for assets acquired and liabilities assumed, as well as the residual goodwill.

4. Investments

a) The following tables summarize the Company's available-for-sale investments. Commercial and residential mortgage-backed securities include securities issued by U.S. government-sponsored enterprises and U.S. government agencies. The net unrealized holding gains (losses) in the tables below are presented before taxes.

	March 31, 2024				June 30, 2024			
	Amortized	Unrealized	Gross	Estimated	Amortized	Unrealized	Gross	Estimated
<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	Holding	Holding	Fair	<i>(dollars in thousands)</i>	Holding	Holding	Fair
	Cost	Gains	Losses	Value	Cost	Gains	Losses	Value
Fixed maturity securities:								
U.S. Treasury securities								
U.S. Treasury securities								
U.S. Treasury securities								
U.S. government-sponsored enterprises								
Obligations of states, municipalities and political subdivisions								
Foreign governments								
Commercial mortgage-backed securities								
Residential mortgage-backed securities								
Corporate bonds								
Total fixed maturity securities								

Short-term investments

Investments, available-for-sale

December 31, 2023				
	Amortized	Gross	Gross	Estimated
	Cost	Unrealized	Unrealized	Fair
		Holding	Holding	Value
		Gains	Losses	
<i>(dollars in thousands)</i>				
Fixed maturity securities:				
U.S. Treasury securities	\$ 3,811,293	\$ 35,824	\$ (62,404)	\$ 3,784,713
U.S. government-sponsored enterprises	1,225,426	7,292	(89,904)	1,142,814
Obligations of states, municipalities and political subdivisions	4,196,096	14,787	(181,578)	4,029,305
Foreign governments	1,858,845	21,450	(96,874)	1,783,421
Commercial mortgage-backed securities	2,371,406	8,605	(136,353)	2,243,658
Residential mortgage-backed securities	491,949	334	(21,861)	470,422
Corporate bonds	977,271	13,043	(71,915)	918,399
Total fixed maturity securities	14,932,286	101,335	(660,889)	14,372,732
Short-term investments	2,564,620	7,155	(393)	2,571,382
Investments, available-for-sale	\$ 17,496,906	\$ 108,490	\$ (661,282)	\$ 16,944,114

b) The following tables summarize gross unrealized investment losses on available-for-sale investments by the length of time that securities have continuously been in an unrealized loss position. Unrealized losses on available-for-sale investments are typically the result of declines in the fair value of the investments due to increases in interest rates.

June 30, 2024														
March 31, 2024														
Less than 12 months		Less than 12 months	12 months or longer	Total		Less than 12 months		12 months or longer	Total		Less than 12 months		12 months or longer	Total
Estimated	Gross	Unrealized	Estimated	Gross	Unrealized	Estimated	Gross	Unrealized	Estimated	Gross	Unrealized	Estimated	Gross	Unrealized
(dollars in thousands)	Fair	Holding	Fair	Holding	Fair	Holding	(dollars in thousands)	Fair	Holding	Fair	Holding	Fair	Holding	Fair
(dollars in thousands)	Value	Losses	Value	Losses	Value	Losses	(dollars in thousands)	Value	Losses	Value	Losses	Value	Losses	Value
Fixed maturity securities:														
U.S. Treasury securities														
U.S. Treasury securities														
U.S. Treasury securities														
U.S. government-sponsored enterprises														
Obligations of states, municipalities and political subdivisions														
Foreign governments														
Commercial mortgage-backed securities														
Residential mortgage-backed securities														
Corporate bonds														
Total fixed maturity securities														
Short-term investments														
Total														

At **March 31, 2024** **June 30, 2024**, the Company held **1,578 1,575** available-for-sale securities in an unrealized loss position with a total estimated fair value of **\$14.1 billion** **\$14.9 billion** and gross unrealized losses of **\$750.3 million** **\$773.1 million**. Of these **1,578 1,575** securities, **1,126 1,223** securities had been in a continuous unrealized loss position for one year or longer and had a total estimated fair value of **\$8.3 billion** **\$8.8 billion** and gross unrealized losses of **\$717.1 million** **\$737.1 million**.

	December 31, 2023					
	Less than 12 months			12 months or longer		
	Estimated		Gross		Total	
	Fair	Unrealized	Fair	Gross	Fair	Gross
(dollars in thousands)	Value	Holding Losses	Value	Holding Losses	Value	Holding Losses
Fixed maturity securities:						
U.S. Treasury securities	\$ 317,027	\$ (2,147)	\$ 1,507,784	\$ (60,257)	\$ 1,824,811	\$ (62,404)
U.S. government-sponsored enterprises	145,143	(2,134)	723,537	(87,770)	868,680	(89,904)
Obligations of states, municipalities and political subdivisions	679,124	(3,881)	2,332,281	(177,697)	3,011,405	(181,578)
Foreign governments	49,056	(128)	1,113,616	(96,746)	1,162,672	(96,874)
Commercial mortgage-backed securities	169,557	(1,792)	1,790,637	(134,561)	1,960,194	(136,353)
Residential mortgage-backed securities	20,420	(80)	431,705	(21,781)	452,125	(21,861)
Corporate bonds	34,340	(266)	615,501	(71,649)	649,841	(71,915)
Total fixed maturity securities	1,414,667	(10,428)	8,515,061	(650,461)	9,929,728	(660,889)
Short-term investments	52,601	(393)	—	—	52,601	(393)
Total	\$ 1,467,268	\$ (10,821)	\$ 8,515,061	\$ (650,461)	\$ 9,982,329	\$ (661,282)

	December 31, 2023					
	Less than 12 months			12 months or longer		
	Estimated		Gross		Total	
	Fair	Unrealized	Fair	Gross	Fair	Gross
(dollars in thousands)	Value	Holding Losses	Value	Holding Losses	Value	Holding Losses
Fixed maturity securities:						
U.S. Treasury securities	\$ 317,027	\$ (2,147)	\$ 1,507,784	\$ (60,257)	\$ 1,824,811	\$ (62,404)
U.S. government-sponsored enterprises	145,143	(2,134)	723,537	(87,770)	868,680	(89,904)
Obligations of states, municipalities and political subdivisions	679,124	(3,881)	2,332,281	(177,697)	3,011,405	(181,578)
Foreign governments	49,056	(128)	1,113,616	(96,746)	1,162,672	(96,874)
Commercial mortgage-backed securities	169,557	(1,792)	1,790,637	(134,561)	1,960,194	(136,353)
Residential mortgage-backed securities	20,420	(80)	431,705	(21,781)	452,125	(21,861)
Corporate bonds	34,340	(266)	615,501	(71,649)	649,841	(71,915)
Total fixed maturity securities	1,414,667	(10,428)	8,515,061	(650,461)	9,929,728	(660,889)
Short-term investments	52,601	(393)	—	—	52,601	(393)
Total	\$ 1,467,268	\$ (10,821)	\$ 8,515,061	\$ (650,461)	\$ 9,982,329	\$ (661,282)

At December 31, 2023, the Company held 1,386 available-for-sale securities in an unrealized loss position with a total estimated fair value of \$10.0 billion and gross unrealized losses of \$661.3 million. Of these 1,386 securities, 1,131 securities had been in a continuous unrealized loss position for one year or longer and had a total estimated fair value of \$8.5 billion and gross unrealized losses of \$650.5 million.

The Company completes a detailed analysis each quarter to assess whether the decline in the fair value of any investment below its cost basis is the result of a credit loss. All available-for-sale securities with unrealized losses are reviewed. The Company considers many factors in completing its quarterly review of securities with unrealized losses for credit-related impairment to determine whether a credit loss exists, including the extent to which fair value is below cost, the implied yield to maturity, rating downgrades of the security and whether or not the issuer has failed to make scheduled principal or interest payments. The Company also takes into consideration information about the financial condition of the issuer and industry factors that could negatively impact the issuer.

If the decline in fair value of an available-for-sale security below its amortized cost is considered to be the result of a credit loss, the Company compares the estimated present value of the cash flows expected to be collected to the amortized cost of the security. The extent to which the estimated present value of the cash flows expected to be collected is less than the amortized cost of the security represents the credit loss, which is recorded as an allowance and recognized in net income. The allowance is limited to the difference

Quarterly, the Company also considers whether it intends to sell an available-for-sale security or if it is more likely than not that it will be required to sell a security before recovery of its amortized cost. In these instances, a decline in fair value is recognized in net income based on the fair value of the security at the time of assessment, resulting in a new cost basis for the security.

c) The amortized cost and estimated fair value of fixed maturity securities at March 31, 2024 June 30, 2024 are shown below by contractual maturity.

		Amortized	Estimated		Amortized	Estimated
<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	Cost	Fair Value	<i>(dollars in thousands)</i>	Cost	Fair Value
Due in one year or less						
Due after one year through five years						
Due after five years through ten years						
Due after ten years						
		12,363,194				
		12,962,312				
Commercial mortgage-backed securities						
Residential mortgage-backed securities						
Total fixed maturity securities						

d) The following table presents the components of net investment income.

	Three Months Ended March 31,	Three Months Ended March 31,	Three Months Ended March 31,	Six Months Ended June 30,	Six Months Ended June 30,		
	(dollars in thousands)	2024	2023	(dollars in thousands)	2024	2023	2024
Interest:							
Fixed maturity securities							
Fixed maturity securities							
Fixed maturity securities							
Short-term investments							
Cash and cash equivalents and restricted cash and cash equivalents							
Dividends on equity securities							
	223,431						
	227,216						
Investment expenses							
Net investment income							

e) The following table presents the components of net investment gains (losses) included in net income and the change in net unrealized losses included in other comprehensive income (loss). Gross realized investment gains and losses on fixed maturity securities, short-term investments and other investments were not material to the consolidated financial statements and are presented on a net basis in the following table.

Available-for-sale investments and equity securities. Available-for-sale investments and equity securities are recorded at fair value on a recurring basis. Available-for-sale investments include fixed maturity securities and short-term investments. Fair value is determined by the Company after considering various sources of information, including information provided by a third-party pricing service. The pricing service provides prices for substantially all of the Company's fixed maturity securities and equity securities. In determining fair value, the Company generally does not adjust the prices obtained from the pricing service. The Company obtains an understanding of the pricing service's valuation methodologies and related inputs, which include, but are not limited to, reported trades, benchmark yields, issuer spreads, bids, offers, duration, credit ratings, estimated cash flows and prepayment speeds. The Company validates prices provided by the pricing service by reviewing prices from other pricing sources and analyzing pricing data in certain instances.

The Company has evaluated the various types of securities in its investment portfolio to determine an appropriate fair value hierarchy level based upon trading activity and the observability of market inputs. Level 1 investments include those traded on an active exchange, such as the New York Stock Exchange. Level 2 investments include U.S. Treasury securities, U.S. government-sponsored enterprises, municipal bonds, foreign government bonds, commercial mortgage-backed securities, residential mortgage-backed securities and corporate debt securities. Level 3 investments include the Company's investments in insurance-linked securities funds that are in run-off, which are not traded on an active exchange and are valued using unobservable inputs.

Fair value for available-for-sale investments and equity securities is measured based upon quoted prices in active markets, if available. Due to variations in trading volumes and the lack of quoted market prices, fixed maturity securities are classified as Level 2 investments. The fair value of fixed maturity securities is normally derived through recent reported trades for identical or similar securities, making adjustments through the reporting date based upon available market observable data previously described. If there are no recent reported trades, the fair value of fixed maturity securities may be derived through the use of matrix pricing or model processes, where future cash flow expectations are developed based upon collateral performance and discounted at an estimated market rate. Significant inputs used to determine the fair value of obligations of states, municipalities and political subdivisions, corporate bonds and obligations of foreign governments include reported trades, benchmark yields, issuer spreads, bids, offers, credit information and estimated cash flows. Significant inputs used to determine the fair value of commercial mortgage-backed securities and residential mortgage-backed securities include the type of underlying assets, benchmark yields, prepayment speeds, collateral information, tranche type and volatility, estimated cash flows, credit information, default rates, recovery rates, issuer spreads and the year of issue.

Senior long-term debt and other debt. Senior long-term debt and other debt is carried at amortized cost with the estimated fair value disclosed on the consolidated balance sheets. Senior long-term debt and other debt is classified as Level 2 within the fair value hierarchy due to variations in trading volumes and the lack of quoted market prices. Fair value is generally derived through recent reported trades, making adjustments through the reporting date, if necessary, based upon available market observable data including U.S. Treasury securities and implied credit spreads. Significant inputs used to determine the fair value of senior long-term debt and other debt include reported trades, benchmark yields, issuer spreads, bids and offers.

The following tables present the balances of assets measured at fair value on a recurring basis by level within the fair value hierarchy.

	March 31, 2024					June 30, 2024				
<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	Level 1	Level 2	Level 3	Total	<i>(dollars in thousands)</i>	Level 1	Level 2	Level 3	Total
Assets:										
Investments:										
Investments:										
Investments:										
Fixed maturity securities, available-for-sale:										
Fixed maturity securities, available-for-sale:										
Fixed maturity securities, available-for-sale:										
U.S. Treasury securities										
U.S. Treasury securities										
U.S. Treasury securities										
U.S. government-sponsored enterprises										
Obligations of states, municipalities and political subdivisions										
Foreign governments										
Commercial mortgage-backed securities										
Residential mortgage-backed securities										
Corporate bonds										
Total fixed maturity securities, available-for-sale										

Equity securities:

Insurance, banks and other financial institutions
Insurance, banks and other financial institutions
Insurance, banks and other financial institutions
Industrial, consumer and all other

Total equity securities

Short-term investments, available-for-sale

Total investments

(dollars in thousands)	December 31, 2023			
	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Fixed maturity securities, available-for-sale:				
U.S. Treasury securities	\$ —	\$ 3,784,713	\$ —	\$ 3,784,713
U.S. government-sponsored enterprises	—	1,142,814	—	1,142,814
Obligations of states, municipalities and political subdivisions	—	4,029,305	—	4,029,305
Foreign governments	—	1,783,421	—	1,783,421
Commercial mortgage-backed securities	—	2,243,658	—	2,243,658
Residential mortgage-backed securities	—	470,422	—	470,422
Corporate bonds	—	918,399	—	918,399
Total fixed maturity securities, available-for-sale	—	14,372,732	—	14,372,732
Equity securities:				
Insurance, banks and other financial institutions	3,694,375	—	994	3,695,369
Industrial, consumer and all other	5,882,502	—	—	5,882,502
Total equity securities	9,576,877	—	994	9,577,871
Short-term investments, available-for-sale	2,402,099	169,283	—	2,571,382
Total investments	\$ 11,978,976	\$ 14,542,015	\$ 994	\$ 26,521,985

The

Except as disclosed in note 3, the Company did not have any assets or liabilities measured at fair value on a non-recurring basis during the three six months ended March 31, 2024 June 30, 2024 and 2023.

5.6. Equity Method Investments

The Company's equity method investments, which are included in other assets on the consolidated balance sheets, totaled \$633.6 million \$657.5 million and \$605.9 million as of March 31, 2024 June 30, 2024 and December 31, 2023, respectively. The Company's proportionate share of earnings in its equity method investments was income of \$25.9 million \$10.7 million and a loss of \$1.5 million \$36.6 million for three the quarter and six months ended March 31, 2024 June 30, 2024, respectively, and 2023, losses of \$7.1 million and \$8.7 million for the quarter and six months ended June 30, 2023, respectively.

The Company's most significant equity method investment is an investment in Hagerty, Inc. (Hagerty), which is accounted for on a quarter lag. Hagerty is an automotive enthusiast brand offering integrated membership products and programs as well as a specialty insurance provider focused on the global automobile enthusiast market. The Company's ownership interest in Hagerty was 23% as of March 31, 2024 June 30, 2024 and December 31, 2023. The Company's investment is comprised of Class A common shares, which are listed for trading on the New York Stock Exchange, as well as Class V common shares, associated with the Company's original investment, that have special voting rights and can be converted on a one-for-one basis into Class A common shares. The Company accounts for its investment under the equity method as it is deemed to have the ability to exercise significant influence over Hagerty's operating and financial policies through a combination of its voting interest, its right to designate a board member and business it conducts with Hagerty. As of March 31, 2024 June 30, 2024 and December 31, 2023, the carrying value of the Company's investment in Hagerty was \$238.4 million \$236.9 million and \$237.4 million, respectively.

As of March 31, 2024 June 30, 2024 and December 31, 2023, the estimated value of the Company's investment, based on the closing stock price of Hagerty's Class A common shares, was \$713.7 million \$811.2 million and \$608.4 million, respectively. See note 11 13 for further details regarding related party transactions with Hagerty.

6.7. Products, Services, and Other Revenues

The following tables present revenues from contracts with customers by type, all of which are included in products revenues and services and other revenues, along with a reconciliation to total products revenues and services and other revenues.

	Three Months Ended March 31,					
	2024			2023		
	Market Ventures	Other	Total	Market Ventures	Other	Total
<i>(dollars in thousands)</i>						
Products	\$ 594,592	\$ —	\$ 594,592	\$ 565,895	\$ —	\$ 565,895
Services	498,290	2,133	500,423	486,481	2,854	489,335
Investment management	—	19,936	19,936	—	10,459	10,459
Total revenues from contracts with customers	1,092,882	22,069	1,114,951	1,052,376	13,313	1,065,689
Leasing revenues	40,753	—	40,753	41,752	—	41,752
Program services and other fronting fees	—	36,030	36,030	—	28,890	28,890
Equity method and other investments income (loss)	5,179	20,846	26,025	1,495	(2,380)	(885)
Other	727	(8)	719	8,316	25	8,341
Total	\$ 1,139,541	\$ 78,937	\$ 1,218,478	\$ 1,103,939	\$ 39,848	\$ 1,143,787

	Quarter Ended June 30,					
	2024			2023		
	Market Ventures	Other	Total	Market Ventures	Other	Total
<i>(dollars in thousands)</i>						
Products	\$ 840,636	\$ —	\$ 840,636	\$ 770,171	\$ —	\$ 770,171
Services	570,319	2,415	572,734	569,399	1,784	571,183
Investment management	—	22,546	22,546	—	21,445	21,445
Total revenues from contracts with customers	1,410,955	24,961	1,435,916	1,339,570	23,229	1,362,799
Leasing revenues	37,035	—	37,035	37,305	—	37,305
Program services and other fronting	—	46,218	46,218	—	37,563	37,563
Equity method and other investments income (loss)	1,407	9,357	10,764	(387)	(6,378)	(6,765)
Disposition gain	—	—	—	—	16,923	16,923
Other	1,777	(10)	1,767	9,325	23	9,348
Total	\$ 1,451,174	\$ 80,526	\$ 1,531,700	\$ 1,385,813	\$ 71,360	\$ 1,457,173

	Six Months Ended June 30,					
	2024			2023		
	Market Ventures	Other	Total	Market Ventures	Other	Total
<i>(dollars in thousands)</i>						
Products	\$ 1,435,228	\$ —	\$ 1,435,228	\$ 1,336,066	\$ —	\$ 1,336,066
Services	1,068,609	4,548	1,073,157	1,055,880	4,638	1,060,518
Investment management	—	42,482	42,482	—	31,904	31,904
Total revenues from contracts with customers	2,503,837	47,030	2,550,867	2,391,946	36,542	2,428,488
Leasing revenues	77,788	—	77,788	79,057	—	79,057
Program services and other fronting fees	—	82,248	82,248	—	66,453	66,453
Equity method and other investments income (loss)	6,586	30,203	36,789	1,108	(8,758)	(7,650)
Disposition gain	—	—	—	—	16,923	16,923
Other	2,504	(18)	2,486	17,641	48	17,689
Total	\$ 2,590,715	\$ 159,463	\$ 2,750,178	\$ 2,489,752	\$ 111,208	\$ 2,600,960

In June 2023, the Company sold one of its licensed insurance subsidiaries, which resulted in a gain of \$16.9 million. The gain was included in services and other revenues.

Receivables from contracts with customers were \$537.6 million \$750.0 million and \$616.4 million as of March 31, 2024 June 30, 2024 and December 31, 2023, respectively.

7.8. Unpaid Losses and Loss Adjustment Expenses

The following table presents a reconciliation of consolidated beginning and ending reserves for losses and loss adjustment expenses.

	Three Months Ended March		Six Months Ended June	
	31,		30,	
	(dollars in thousands)	2024	(dollars in thousands)	2024
(dollars in thousands)		2023		2023
Gross reserves for losses and loss adjustment expenses, beginning of year				
Reinsurance recoverables on unpaid losses, beginning of year				
Net reserves for losses and loss adjustment expenses, beginning of year				
Effect of foreign currency rate changes on beginning of year balance				
Adjusted net reserves for losses and loss adjustment expenses, beginning of year				
Incurred losses and loss adjustment expenses:				
Current accident year				
Current accident year				
Current accident year				
Prior accident years				
Total incurred losses and loss adjustment expenses				
Payments:				
Current accident year				
Current accident year				
Current accident year				
Prior accident years				
Total payments				
Effect of foreign currency rate changes on current year activity				
Change in net reserves for losses and loss adjustment expenses of Markel CATCo Re (see note 10)				
Change in net reserves for losses and loss adjustment expenses of Markel CATCo Re (see note 12)				
Reinsurance recoverable for retroactive reinsurance transaction				
Net reserves for losses and loss adjustment expenses, end of period				
Net reserves for losses and loss adjustment expenses, end of period				
Net reserves for losses and loss adjustment expenses, end of period				
Reinsurance recoverables on unpaid losses				
Gross reserves for losses and loss adjustment expenses, end of period				

For the **three six** months ended **March 31, 2024** **June 30, 2024**, prior accident years losses and loss adjustment expenses included **\$77.0 million** **\$221.3 million** of favorable development on prior years loss reserves, which included **\$64.8 million** **\$190.7 million** of favorable development on the Company's international professional liability, **and** marine and energy, **credit and surety and general liability** product lines within its Insurance segment.

For the **three six** months ended **March 31, 2023** **June 30, 2023**, prior accident years losses and loss adjustment expenses included **\$71.3 million** **\$139.2 million** of favorable development on prior years loss reserves, which included **\$63.8 million** **\$169.6 million** of favorable development on the Company's **professional liability, property, marine and energy property, and workers' compensation** product lines within its Insurance segment and **programs** **\$20.9 million** of favorable development on the Company's **professional liability and property** product lines within its Reinsurance segment. Favorable development on prior years loss reserves for the six months ended June 30, 2023 was partially offset by **\$53.0 million** of adverse development on the Company's **general liability** product lines within its Insurance segment.

In March 2023, the Company completed a retroactive reinsurance transaction to cede its portfolio of policies comprised of liabilities for its run-off book of United Kingdom motor casualty business in exchange for payments totaling \$125.1 million, which approximated the carrying value of the Company's reserves for losses and loss adjustment expenses on the ceded policies.

8.9. Reinsurance

The following tables summarize the effect of reinsurance and retrocessional reinsurance on premiums written and earned.

Three Months Ended March 31,	Quarter Ended June 30,
------------------------------	------------------------

	2024				2024				2023				2024				2023			
(dollars in thousands)	(dollars in thousands)	Direct	Assumed	Ceded	Net Premiums	Direct	Assumed	Ceded	Net Premiums	(dollars in thousands)	Direct	Assumed	Ceded	Net Premiums	Direct	Assumed	Ceded	Net Premiums		
Underwriting:																				
Written																				
Written																				
Written																				
Earned																				
Program services and other fronting:																				
Written																				
Written																				
Written																				
Earned																				
Consolidated:																				
Written																				
Written																				
Written																				
Earned																				

	Six Months Ended June 30,							
	2024				2023			
(dollars in thousands)	Direct	Assumed	Ceded	Net Premiums	Direct	Assumed	Ceded	Net Premiums
Underwriting:								
Written	\$ 4,464,003	\$ 1,233,550	\$ (1,186,404)	\$ 4,511,149	\$ 4,255,102	\$ 1,137,732	\$ (966,591)	\$ 4,426,243
Earned	\$ 4,348,011	\$ 807,430	\$ (950,382)	\$ 4,205,059	\$ 3,997,200	\$ 823,123	\$ (820,704)	\$ 3,999,619
Program services and other fronting:								
Written	1,688,098	1,266,878	(2,955,309)	(333)	1,397,382	433,981	(1,832,135)	(772)
Earned	1,515,059	364,115	(1,879,507)	(333)	1,290,675	233,792	(1,525,239)	(772)
Consolidated:								
Written	\$ 6,152,101	\$ 2,500,428	\$ (4,141,713)	\$ 4,510,816	\$ 5,652,484	\$ 1,571,713	\$ (2,798,726)	\$ 4,425,471
Earned	\$ 5,863,070	\$ 1,171,545	\$ (2,829,889)	\$ 4,204,726	\$ 5,287,875	\$ 1,056,915	\$ (2,345,943)	\$ 3,998,847

Substantially all of the premiums written and earned in the Company's program services and other fronting operations for the three quarter and six months ended March 31, 2024 June 30, 2024 and 2023 were ceded. The percentage of consolidated ceded earned premiums to gross earned premiums was 43% and 40% for the quarter and six months ended June 30, 2024, respectively, and 38% and 36% 37% for the three quarter and six months ended March 31, 2024 and 2023, June 30, 2023, respectively. The percentage of consolidated assumed earned premiums to net earned premiums was 24% 32% and 28% for both the three quarter and six months ended March 31, 2024 June 30, 2024, respectively, and 2023. 29% and 26% for the quarter and six months ended June 30, 2023, respectively.

Substantially all of the incurred losses and loss adjustment expenses in the Company's program services and other fronting operations were ceded. These gross losses totaled \$603.7 million \$593.9 million and \$496.6 million \$1.2 billion for the three quarter and six months ended March 31, 2024 June 30, 2024, respectively, and 2023, \$594.7 million and \$1.1 billion for the quarter and six months ended June 30, 2023, respectively.

The following table summarizes the effect of reinsurance and retrocessional reinsurance on losses and loss adjustment expenses in the Company's underwriting operations.

				Three Months Ended March 31,				Three Months Ended March 31,				Three Months Ended March 31,							
				Quarter Ended June 30,						Six Months Ended June 30,									
(dollars in thousands)		(dollars in thousands)		2024				2023		(dollars in thousands)		2024		2023		2024		2023	
Gross losses and loss adjustment expenses																			

Net losses and loss adjustment expenses

The Company's run-off block of life and annuity reinsurance contracts consists primarily of Euro and U.S. Dollar denominated life-contingent payout annuities and traditional and universal life contracts. The following table presents the components of the Company's liabilities for life and annuity benefits.

The primary component of the Company's liabilities for life and annuity benefits is the liability for future policyholder benefits. Life and annuity benefit reserves are calculated for aggregated cohorts of contracts, which are determined based on the attributes of the underlying contracts, and are discounted using standard actuarial techniques and cash flow models. Since the development of the life and annuity reinsurance reserves is based upon cash flow projection models, the Company makes estimates and assumptions based on cedent experience and industry mortality tables. The cash flow assumptions used to determine the Company's life and annuity benefit reserves are reviewed, and updated as necessary, at least annually. The discount rate assumptions are updated at each reporting date. The following table presents a rollforward of the present value of the liability for future policyholder benefits.

(1) The undiscounted liability for future policyholder benefits was \$796.8 million, \$779.6 million and \$862.7 million, \$843.3 million as of March 31, 2024, June 30, 2024 and 2023, respectively.

		March 31, 2024		December 31, 2023
		June 30, 2024		December 31, 2023
Weighted-average interest rate:				
Interest accretion rate				
Interest accretion rate				
Interest accretion rate		2.3 %	2.3 %	2.3 %
Current discount rate	Current discount rate	4.1 %	3.8 %	Current discount rate 4.3 % 3.8 %
Weighted-average liability duration	Weighted-average liability duration	8.4 years	8.6 years	Weighted-average liability duration 8.2 years 8.6 years

In May 2024, the Company issued \$600 million of 6.0% unsecured senior notes due May 2054. Net proceeds to the Company were \$592.6 million, before expenses. The Company intends to use these proceeds for general corporate purposes, which may include the redemption, in whole or in part, of the Company's outstanding preferred shares. As of June 30, 2024, the Company had 600,000 preferred shares issued and outstanding, which the Company has the option to redeem, in whole or in part, on June 1, 2025, at \$1,000 per preferred share, plus accrued and unpaid dividends.

12. Variable Interest Entities

Markel CATCo Investment Management Ltd. (MCIM), a wholly-owned consolidated subsidiary of the Company, is an insurance-linked securities investment fund manager and reinsurance manager headquartered in Bermuda. Results attributable to MCIM are not included in a reportable segment.

MCIM serves as the insurance manager for Markel CATCo Re Ltd. (Markel CATCo Re), a Bermuda Class 3 reinsurance company, and as the investment manager for Markel CATCo Reinsurance Fund Ltd., a Bermuda exempted mutual fund company comprised of multiple segregated accounts (Markel CATCo Funds). Voting shares in Markel CATCo Reinsurance Fund Ltd. and Markel CATCo Re are held by MCIM, which has the power to direct the activities that most significantly impact the economic performance of these entities. The Markel CATCo Funds issued multiple classes of nonvoting, redeemable preference shares to investors, and the Markel CATCo Funds are primarily invested in nonvoting preference shares of Markel CATCo Re. The underwriting results of Markel CATCo Re are attributed to investors through its nonvoting preference shares. Both Markel CATCo Re and the Markel CATCo Funds were placed into run-off in July 2019.

In 2022, the Company completed a buy-out transaction with Markel CATCo Re and the Markel CATCo Funds that provided for an accelerated return of all remaining capital to investors in the Markel CATCo Funds. Under the terms of the transaction, the Company provided cash funding of \$45.1 million to purchase substantially all of the Markel CATCo Funds' interests in Markel CATCo Re. As part of the transaction, substantially all of the preference shares held by investors in the Markel CATCo Funds were redeemed, including preference shares previously held by the Company.

The Company has received a return of \$24.9 million of the initial cash funding provided, and the related preference shares were redeemed. As of March 31, 2024, June 30, 2024 and December 31, 2023, the Company's investment in the remaining preference shares of Markel CATCo Re totaled \$20.1 million, which comprised 18%, 16% and 23%, respectively, of the equity of Markel CATCo Re. Through that investment, the Company has exposure to adverse loss development on reinsurance contracts previously written by Markel CATCo Re for loss events that occurred from 2014 to 2020. If loss reserves held by Markel CATCo Re are sufficient to settle claims on the remaining open contracts, the Company will receive a full return of the remaining \$20.1 million in capital. Favorable development on loss reserves held by Markel CATCo Re, less operating expenses, will be distributed to the Markel CATCo Funds, and ultimately to investors in the Markel CATCo Funds.

Markel CATCo Re is considered a VIE, as the equity at risk does not have the right to receive residual returns that exceed the capital provided by the Company in the buy-out transaction. As a result of the preference shares acquired by the Company in the buy-out transaction, and the voting shares held by its consolidated subsidiary, MCIM, the Company consolidates Markel CATCo Re as its primary beneficiary. Results attributed to the run-off of Markel CATCo Re are reported with the Company's other insurance operations, within services and other revenues and expenses, and are not included in a reportable segment. For the three months ended March 31, 2024 and 2023, there was \$15.7 million and \$44.8 million, respectively, of favorable Favorable loss reserve development on the run-off of reinsurance contracts written by Markel CATCo Re was \$8.4 million and \$24.1 million for the quarter and six months ended June 30, 2024, respectively, and \$8.7 million and \$53.5 million for the quarter and six months ended June 30, 2023, respectively. For all of which periods, the favorable development was included in services and other expenses and attributable to noncontrolling interests. During the three six months ended March 31, 2023, June 30, 2023, \$62.6 million of preference shares of Markel CATCo Re held by noncontrolling interests were redeemed.

The Company's consolidated balance sheets include the following amounts attributable to Markel CATCo Re.

(dollars in thousands)	(dollars in thousands)	March 31, 2024	December 31, 2023	(dollars in thousands)	June 30, 2024	December 31, 2023
Assets						
Cash and cash equivalents						
Cash and cash equivalents						
Cash and cash equivalents						
Restricted cash and cash equivalents						
Other assets and receivables due from cedents						
Total Assets						
Liabilities and Equity						
Liabilities and Equity						
Liabilities and Equity						
Unpaid losses and loss adjustment expenses						
Unpaid losses and loss adjustment expenses						
Unpaid losses and loss adjustment expenses						
Other liabilities						
Total Liabilities						
Shareholders' equity						
Noncontrolling interests						
Total Equity						
Total Liabilities and Equity						

In connection with the buy-out transaction, the Company also entered into a tail risk cover with Markel CATCo Re to allow for the release of collateral to investors. Through this contract, the Company has \$95.0 million of uncollateralized exposure to adverse development on loss reserves held by Markel CATCo Re for loss exposures in excess of limits that the Company believes are unlikely to be exceeded.

11. 13. Related Party Transactions

The Company engages in certain related party transactions in the normal course of business at arm's length.

Insurance-Linked Securities

Within the Company's insurance-linked securities operations, the Company provides investment and insurance management services through Nephila Holdings Ltd. (together with its subsidiaries, Nephila). Nephila serves as the investment manager to several Bermuda based private funds (the Nephila Funds). To provide access for the Nephila Funds to a variety of insurance-linked securities in the property catastrophe, climate and specialty markets, Nephila also acts as an insurance manager to certain Bermuda Class 3 and 3A reinsurance companies, Lloyd's Syndicate 2357 and Lloyd's Syndicate 2358 (collectively, the Nephila Reinsurers). Nephila receives management fees for investment and insurance management services provided through its insurance-linked securities operations, and, for certain funds, incentive fees based on their annual performance. For the three quarter and six months ended March 31, 2024 and 2023, June 30, 2024, total revenues attributed to unconsolidated entities managed by Nephila were \$19.2 million \$21.8 million and \$9.8 million \$41.1 million, respectively. For the quarter and six months ended June 30, 2023, total revenues attributed to unconsolidated entities managed by Nephila were \$20.8 million and \$30.6 million, respectively.

Through the Company's program services and other fronting operations, the Company has programs with Nephila through which the Company writes insurance policies that are fully ceded to the Nephila Reinsurers. Through these programs, Nephila utilizes certain of the Company's licensed insurance companies to write U.S. catastrophe-exposed property and specialty risks that are then ceded to the Nephila Reinsurers. For the three months ended March 31, 2024 and 2023, gross Gross premiums written through the Company's program services and other fronting platforms on behalf of Nephila were \$353.1 million \$741.7 million and \$236.9 million \$1.1 billion for the quarter and six months ended June 30, 2024, respectively, and \$297.4 million and \$534.3 million for the quarter and six months ended June 30, 2023, respectively, all of which were ceded to the Nephila Reinsurers.

As of March 31, 2024 June 30, 2024 and December 31, 2023, reinsurance recoverables on the consolidated balance sheets included \$785.9 million \$687.1 million and \$794.3 million, respectively, due from the Nephila Reinsurers. Under its programs with the Nephila Reinsurers, the Company bears underwriting risk for annual aggregate agreement year losses in excess of a limit the Company believes is unlikely to be exceeded. To the extent losses under these programs exceed the prescribed limits, the Company is obligated to pay such losses to the cedents without recourse to the Nephila Reinsurers. While the Company believes losses under these programs are unlikely, those losses, if incurred, could be material to the Company's consolidated results of operations and financial condition.

Beginning in 2024, in order for the Nephila Reinsurers to obtain reinsurance protection for a portion of their exposures, the Company also fronted ceded reinsurance contracts, primarily in the form of industry loss warranties, for the Nephila Reinsurers. Through this arrangement, the underlying risk of the Nephila Reinsurers was retroceded back to the Company and then fully ceded to third-party reinsurers. For the quarter and six months ended June 30, 2024, the Company's gross written premiums from the Nephila Reinsurers under this program were \$168.0 million, all of which were ceded to third parties.

The Company has also entered into other assumed and ceded reinsurance transactions with the Nephila Reinsurers in the normal course of business, which are not material to the Company's consolidated financial statements.

Hagerty

The Company holds a minority ownership interest in Hagerty, which operates primarily as a managing general agent and also includes Hagerty Reinsurance Limited (Hagerty Re), a Bermuda Class 3 reinsurance company. Through the Company's underwriting operations, the Company underwrites insurance for Hagerty, a portion of which is ceded to Hagerty Re. The amounts attributed to these arrangements are summarized in the following table.

		Three Months Ended March 31,							
		Three Months Ended March 31,							
		Three Months Ended March 31,							
				Quarter Ended June 30,		Six Months Ended June 30,			
(dollars in thousands)	(dollars in thousands)	2024		2023	(dollars in thousands)	2024	2023	2024	2023
Gross written premiums attributable to Hagerty									
Premiums ceded to Hagerty Re									

As of March 31, 2024 June 30, 2024 and December 31, 2023, reinsurance recoverables on the consolidated balance sheets included \$225.3 million \$239.4 million and \$214.8 million, respectively, due from Hagerty Re.

12. 14. Shareholders' Equity

a) The Company has 50,000,000 shares of no par value common stock authorized. The following table presents a rollforward of changes in common shares issued and outstanding.

	Three Months Ended March 31,				
	Three Months Ended March 31,				
	Three Months Ended March 31,				
(shares in ones)					
(shares in ones)					
		Quarter Ended June 30,		Six Months Ended June 30,	
(shares in ones)	(shares in ones)	2024	2023	2024	2023
Issued and outstanding common shares, beginning of period					
Issued and outstanding common shares, beginning of period					
Issued and outstanding common shares, beginning of period					
Issuance of common shares					
Issuance of common shares					
Issuance of common shares					
Repurchase of common shares					
Repurchase of common shares					
Repurchase of common shares					
Issued and outstanding common shares, end of period					
Issued and outstanding common shares, end of period					
Issued and outstanding common shares, end of period					

b) The Company also has 10,000,000 shares of no par value preferred stock authorized, of which 600,000 shares were issued and outstanding at **March 31, 2024** **June 30, 2024** and December 31, 2023. **The Company declared and paid dividends on preferred shares of \$18.0 million, or \$30 per share, in both the quarters ended June 30, 2024 and 2023.**

c) Net income per common share was determined by dividing adjusted net income to common shareholders by the applicable weighted average common shares outstanding. Basic common shares outstanding include restricted stock units that are no longer subject to any contingencies for issuance, but for which corresponding shares have not been issued. Diluted net income per common share is computed by dividing adjusted net income to common shareholders by the weighted average number of common shares and dilutive potential common shares outstanding during the period. The following table presents basic net income per common share and diluted net income per common share.

	Three Months Ended March 31,				
	Three Months Ended March 31,				
	Three Months Ended March 31,				
	Three Months Ended March 31,				
		Quarter Ended June 30,		Six Months Ended June 30,	
(in thousands, except per share amounts)	(in thousands, except per share amounts)	2024	2023	2024	2023
Net income to common shareholders					
Adjustment of redeemable noncontrolling interests					
Adjusted net income to common shareholders					
Basic common shares outstanding					
Basic common shares outstanding					
Basic common shares outstanding					
Dilutive potential common shares from restricted stock units and restricted stock					
Dilutive potential common shares from restricted stock units and restricted stock					
Dilutive potential common shares from restricted stock units and restricted stock					
Diluted common shares outstanding					

Basic net income per common share
Diluted net income per common share

13. 15. Contingencies

Contingencies arise in the normal course of the Company's operations and are not expected to have a material impact on the Company's financial condition or results of operations.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis should be read in conjunction with the consolidated financial statements and related notes included under Item 1 Financial Statements and our 2023 Annual Report on Form 10-K. The accompanying consolidated financial statements and related notes have been prepared in accordance with United States (U.S.) generally accepted accounting principles (GAAP) and include the accounts of our holding company, Markel Group Inc. (Markel Group), and its consolidated subsidiaries, as well as any variable interest entities that meet the requirements for consolidation. This section is divided into the following sections:

- Our Business
- Results of Operations
- Financial Condition
- Critical Accounting Estimates
- Safe Harbor and Cautionary Statement

Our Business

Markel Group is a holding company comprised of a diverse family of businesses and investments. The leadership teams of our businesses operate with a high degree of independence, while at the same time living the values that we call the Markel Style. Our specialty insurance business, Markel, sits at the core of our company. Through decades of sound underwriting, Markel has provided the capital base from which we built a system of businesses and investments that collectively increase Markel Group's durability and adaptability. We aspire to build one of the world's great companies by creating win-win-win outcomes for our customers, associates and shareholders. We deploy three financial engines in pursuit of this goal.

Insurance - markets and underwrites specialty insurance products using our underwriting, fronting and insurance-linked securities platforms that enable us to best match risk and capital

Investments - invests premiums received by our underwriting operations and any available earnings provided by our operating businesses in fixed maturity and equity securities

Markel Ventures - owns controlling interests in a diverse portfolio of businesses that operate in a variety of industries

Our three interdependent engines form a system that provides diverse income streams, access to a wide range of investment opportunities and the ability to efficiently move capital to the best ideas across our three engines. We allocate capital using a process that we have consistently followed for years. We first look to invest in our existing businesses for organic growth opportunities. After funding internal growth opportunities, we look to acquire controlling interests in businesses, build our portfolio of equity securities or repurchase shares of our common stock. We believe our system is uniquely equipped for long-term growth. To mitigate the effects of short-term volatility and align with the long-term perspective that we apply to operating our businesses and making investments, we generally use five-year time periods to measure our performance. We measure financial success using both operating income and total shareholder return. Operating income provides a reasonable proxy for the performance of each engine in support of our overall financial goal of growing intrinsic value. Prior to 2024, we used growth in book value per share, rather than operating income, to measure our performance. As our businesses diversified beyond underwriting operations, book value became less indicative of intrinsic value because a significant portion of our operations is not recorded at fair value. We believe total operating income across the Markel Group system is a better measure of our performance.

Insurance

Our insurance engine is comprised of the following types of operations:

- Underwriting - our risk-bearing insurance and reinsurance operations.
- Program services and other fronting - fronting platform that provides other insurance entities and capacity providers access to the property and casualty insurance market.
- Insurance-linked securities (ILS) - provides investment management services to third-party capital providers for a variety of insurance-related investment products.

Through our underwriting, program services and other fronting and ILS operations, we have a suite of capabilities through which we can access capital to support our customers' risks, which includes our own capital through our underwriting operations, as well as third-party capital through our program services and other fronting and ILS operations. Within each of these insurance platforms, we believe that our specialty product focus enables us to develop expertise and specialized market knowledge. We seek to differentiate ourselves from competitors by our expertise, service, continuity and other value-based considerations, including the multiple platforms through which we can manage risk and deploy capital. For example, through our program services and other fronting platform, we have programs through which we write insurance policies on behalf of our ILS operations that are supported by third-party capital. Additionally, we cede certain risks historically written through our underwriting operations to our ILS operations to the extent those risks are more aligned with the risk profile of our ILS investors than our own corporate tolerance. Our ability to access multiple insurance platforms allows us to achieve income streams from our insurance operations beyond the traditional underwriting model. We believe this multi-platform approach provides us with a unique advantage through which we have the ability to unlock additional value for our customers and business partners, which we refer to as "the power of the platform."

Underwriting

We monitor and assess the performance of our ongoing underwriting operations on a global basis in the following two segments: Insurance and Reinsurance. In determining how to allocate resources and assess the performance of our underwriting results, we consider many factors, including the nature of the insurance product sold, the type of account written and the type of customer served. The Insurance segment includes all direct business and facultative reinsurance placements written on a risk-bearing basis within our underwriting operations. The Reinsurance segment includes all treaty reinsurance written on a risk-bearing basis within our underwriting operations.

Our Insurance segment includes unique and hard-to-place risks written on a global basis. In the U.S., this includes business written on an excess and surplus lines basis and an admitted basis. The following products are included in this segment: general liability, professional liability, personal lines, marine and energy, primary and excess of loss property, workers' compensation, credit and surety coverages, specialty program insurance for well-defined markets and liability and other coverages tailored for unique exposures. Business in this segment is primarily written through our Market Specialty and Market International divisions.

Our Reinsurance segment includes casualty and specialty treaty reinsurance products offered to other insurance and reinsurance companies. We write quota share and excess of loss reinsurance on a local, national and global basis. Business in this segment is primarily written by our Global Reinsurance division. Principal lines of business include: general liability, professional liability, credit and surety, marine and energy and workers' compensation.

Program Services and Other Fronting

Our program services and other fronting business generates fee income in the form of ceding fees in exchange for fronting insurance and reinsurance business for other insurance carriers, including the Nephila Reinsurers, as defined below. Our program services business, which is provided through our State National division, and our other fronting business are managed separately from our underwriting operations. The results of our program services and other fronting operations are not included in a reportable segment.

Although we reinsure substantially all of the risks inherent in our program services and other fronting businesses, we have certain programs that contain limits on our reinsurers' obligations to us that expose us to underwriting risk, including loss ratio caps, aggregate reinsurance limits or exclusion of the credit risk of producers. Under certain programs, including programs and contracts with the Nephila Reinsurers, we also bear underwriting risk for annual aggregate agreement year losses in excess of a limit that we believe is unlikely to be exceeded. See note 11.13 of the notes to consolidated financial statements for further details regarding our programs with the Nephila Reinsurers.

Insurance-Linked Securities

Our insurance-linked securities operations are primarily comprised of our Nephila operations and are not included in a reportable segment. Nephila Holdings Ltd. (together with its subsidiaries, Nephila) provides investment and insurance management services through which we offer alternative capital to the insurance and reinsurance market while providing investors with investment strategies that typically are uncorrelated with traditional asset classes. We receive management fees for investment and insurance management services provided through these operations, and for certain funds, incentive fees based on their annual performance.

Nephila serves as the investment manager to several Bermuda-based private funds (the Nephila Funds). To provide access for the Nephila Funds to a variety of insurance-linked securities, Nephila acts as an insurance manager to certain Bermuda Class 3, collateralized and special purpose reinsurance companies, Lloyd's Syndicate 2357 and Lloyd's Syndicate 2358 (collectively, the Nephila Reinsurers). The results of the Nephila Reinsurers are attributed to the Nephila Funds primarily through derivative transactions between these entities. Neither the Nephila Funds nor the Nephila Reinsurers are subsidiaries of Markel Group, and as such, these entities are not included in our consolidated financial statements.

The Nephila Reinsurers subscribe to various property, climate, and specialty reinsurance contracts based on their investors' risk profiles, including business ceded by our program services and other fronting platforms. See note 11.13 of the notes to consolidated financial statements for further details regarding transactions with entities managed through our Nephila operations.

Investments

Our investment operations manage the capital held within our underwriting operations, as well as capital allocated by Markel Group, and are reported as the Investing segment. Invested assets managed through our investment operations include our portfolio of publicly traded fixed maturity and equity securities, as well as cash and short-term investments. Substantially all of our investment portfolio is managed by company employees.

Our underwriting operations provide our investment operations with steady inflows of premiums. These funds are invested predominantly in high-quality government and municipal bonds and mortgage-backed securities that generally match the duration and currency of our loss reserves. We typically hold these investments until maturity. As a result,

unrealized holding gains and losses on these securities are generally expected to reverse as the securities mature. Premiums collected through our underwriting operations may also be held as short-term investments or cash and cash equivalents to provide short-term liquidity for projected claims payments, reinsurance costs and operating expenses.

Our investments in equity securities are predominantly held within our regulated insurance subsidiaries to support capital requirements. Capital held by our insurance subsidiaries beyond that which we anticipate will be needed to cover claims payments and operating expenses is available to be invested in equity securities, along with additional capital allocated for investment purposes by Markel Group. We allocate a higher percentage of capital to equity securities than most other insurance companies. Over the long run, equity securities have produced higher returns relative to fixed maturity securities and short-term investments. When purchasing equity securities, we seek to invest in profitable companies with high returns on capital and low debt, with honest and talented management and significant reinvestment opportunities and capital discipline, all while paying reasonable prices for those securities. We intend to hold these equity investments over the long-term.

Markel Ventures

Through our wholly owned subsidiary, Markel Ventures, Inc. (Markel Ventures), we own controlling interests in high-quality businesses that operate in a variety of different industries with shared values and the shared goal of positively contributing to the long-term financial performance of Markel Group. Management teams for each business operate autonomously and are responsible for developing strategic initiatives, managing day-to-day operations and making investment and capital allocation decisions for their respective companies. Our Markel Ventures management team is responsible for decisions regarding allocation of capital for acquisitions and new investments. Our strategy in making these acquisitions is similar to our strategy for purchasing equity securities. We seek to invest in profitable companies, with honest and talented management, that exhibit reinvestment opportunities and capital discipline, at reasonable prices. We intend to own the businesses acquired for a long period of time.

We allocate resources to and assesses assess the performance of these various businesses in the aggregate as the Markel Ventures segment. The following types of businesses are included in this segment: construction services, consumer and building products, transportation-related products, equipment manufacturing products and consulting services. These businesses offer various types of products and services to businesses and consumers across many markets. All of our businesses in this segment are headquartered in the U.S., with subsidiaries of certain businesses located outside of the U.S.

In June 2024, we acquired 98% of Valor Environmental (Valor), an environmental services company providing erosion control and related services to commercial development sites and homebuilders throughout the United States. Results attributable to Valor will be included in our Markel Ventures segment beginning in the third quarter of 2024. See note 3 of the notes to consolidated financial statements for additional details related to this acquisition. Additionally, our Markel Ventures businesses make strategic acquisitions from time to time that impact the results of the Markel Ventures segment but are not material to Markel Group.

Results of Operations

The following table presents the components of operating revenues.

		Three Months Ended March 31,		Quarter Ended June 30,				Six Months Ended June 30,	
(dollars in thousands)	(dollars in thousands)	2024	2023	(dollars in thousands)	2024	2023		2024	2023
Insurance segment									
Reinsurance segment									
Other insurance operations									
Insurance operations									
Net investment income									
Net investment gains									
Net investment gains (losses)									
Other									
Investing segment									
Markel Ventures segment									
Total operating revenues									

The following table presents the components of operating income and comprehensive income to shareholders.

		Three Months Ended March 31,		Quarter Ended June 30,			Six Months Ended June 30,	
(dollars in thousands)	(dollars in thousands)	2024	2023	(dollars in thousands)	2024	2023	2024	2023
Operating income:								
Insurance segment								
Insurance segment								
Insurance segment								
Reinsurance segment								

Other insurance operations
Insurance operations
Investing segment
Markel Ventures segment
Amortization of acquired intangible assets
Operating income
Operating income
Operating income
Interest expense
Net foreign exchange gains (losses)
Income tax expense
Income tax expense
Income tax expense
Net income attributable to noncontrolling interests
Net income to shareholders
Net income to common shareholders
Net income to common shareholders
Preferred stock dividends
Net income to common shareholders
Other comprehensive income (loss) to shareholders
Comprehensive income to shareholders

The **increase** **decrease** in operating income and comprehensive income to shareholders for the **three months** quarter ended **March 31, 2024** **June 30, 2024** compared to the **three months** quarter ended **March 31, 2023** **June 30, 2023** was primarily due to pre-tax net investment **gains** **losses** of **\$116.0 million** on our equity securities **during the quarter** compared to pre-tax net investment gains of **\$906.8 million** **\$483.4 million** in the same period of 2023.

The modest increase in operating income for the six months ended June 30, 2024 compared to the six months ended June 30, 2023 was primarily due to higher interest income across our fixed maturities securities, cash and short-term investments. The decrease in comprehensive income to shareholders for the six months ended June 30, 2024 compared to the six months ended June 30, 2023 was primarily due to net unrealized losses on our available-for-sale investments in 2024 compared to **\$375.8 million** net unrealized gains in 2023.

The components of comprehensive income to shareholders are discussed in further detail under "Insurance Results," "Investing Results," "Markel Ventures Results," "Other" and "Comprehensive Income to Shareholders."

Insurance Results

Our Insurance engine includes our underwriting, program services and other fronting and insurance-linked securities (ILS) operations. Our underwriting operations, which are primarily comprised of our Insurance and Reinsurance segments, produce revenues primarily by underwriting insurance contracts and earning premiums in the specialty insurance market. Our program services and other fronting and ILS operations, which are the primary components of our other insurance operations, produce revenues primarily through fees earned for fronting services and investment management services, respectively. Our other insurance operations also include the underwriting results of run-off lines of business that were discontinued prior to, or in conjunction with, insurance acquisitions, and the results of our run-off life and annuity reinsurance business. The following table presents the components of our Insurance engine gross premium volume, operating revenues and operating income.

	Three Months Ended March 31,					Quarter Ended June 30,					
(dollars in thousands)	(dollars in thousands)	2024		2023		% Change	(dollars in thousands)	2024		2023	
Gross premium volume:											
Underwriting											
Underwriting											
Underwriting		\$2,776,166	\$	\$2,658,258	4	4	%	\$2,921,387	\$	\$2,734,576	7

Program services and other fronting (1)	Program services and other fronting (1)	1,164,233	777,754	777,754	50	50	%	Program services and other fronting (1)	1,790,743	1,053,609	1,053,609	
Insurance operations	Insurance operations	\$3,940,399	\$	\$3,436,012	15	15	%	Insurance operations	\$ 4,712,130	\$	\$3,788,185	24
Operating revenues:												
Operating revenues:												
Operating revenues:												
Insurance segment	Insurance segment							Insurance segment				
Insurance segment	Insurance segment	\$1,874,461	\$	\$1,710,924	10	10	%	\$ 1,813,003	\$	\$1,763,186	3	
Reinsurance segment	Reinsurance segment	253,339	257,234	257,234	(2)	(2)	%	Reinsurance segment	264,630	268,288	268,288	
Other insurance operations	Other insurance operations	57,918	41,774	41,774	39	39	%	Other insurance operations	70,635	77,407	77,407	
Insurance operations	Insurance operations	\$2,185,718	\$	\$2,009,932	9	9	%	Insurance operations	\$ 2,148,268	\$	\$2,108,881	2

Operating income:

Operating income:

Operating income:

Insurance segment	Insurance segment							Insurance segment				
Insurance segment	Insurance segment	\$ 107,310	\$	\$ 96,504	11	11	%	\$ 133,179	\$	\$ 134,651	(1)	
Reinsurance segment	Reinsurance segment	12,010	24,234	24,234	(50)	(50)	%	Reinsurance segment	1,321	15,184	15,184	
Other insurance operations	Other insurance operations	16,505	56,602	56,602	(71)	(71)	%	Other insurance operations	42,425	47,526	47,526	
Insurance operations	Insurance operations	\$ 135,825	\$	\$ 177,340	(23)	(23)	%	Insurance operations	\$ 176,925	\$	\$ 197,361	(10)

(1) Substantially all gross premiums from our program services and other fronting operations were ceded to third parties for the three quarter and six months ended March 31, 2024 June 30, 2024 and 2023.

Underwriting Results

Underwriting profits are a key component of our strategy to build shareholder value. We believe that the ability to achieve consistent underwriting profits demonstrates knowledge and expertise, commitment to superior customer service and the ability to manage insurance risk. The property and casualty insurance industry commonly defines underwriting profit or loss as earned premiums net of losses and loss adjustment expenses and underwriting, acquisition and insurance expenses. We use underwriting profit or loss and the combined ratio as a basis for evaluating our underwriting performance. The U.S. GAAP combined ratio is a measure of underwriting performance and represents the relationship of incurred losses, loss adjustment expenses and underwriting, acquisition and insurance expenses to earned premiums. The combined ratio is the sum of the loss ratio and the expense ratio. The loss ratio represents the relationship of incurred losses and loss adjustment expenses to earned premiums. The expense ratio represents the relationship of underwriting, acquisition and insurance expenses to earned premiums. A combined ratio less than 100% indicates an underwriting profit, while a combined ratio greater than 100% reflects an underwriting loss.

In addition to the U.S. GAAP combined ratio, loss ratio and expense ratio, we also evaluate our underwriting performance using measures that exclude the impacts of certain items, such as catastrophes and other significant, infrequent loss events, on these ratios. During the three six months ended March 31, 2024 June 30, 2024 and 2023, our results were not materially impacted by any such events. When analyzing our loss ratio, we evaluate losses and loss adjustment expenses attributable to the current accident year separate from losses and loss adjustment expenses attributable to prior accident years. Prior accident year reserve development, which can either be favorable or unfavorable, represents changes in our estimates of losses and loss adjustment expenses related to loss events that occurred in prior years. We believe a discussion of current accident year loss ratios, which exclude prior accident year reserve development, is helpful since it provides more insight into estimates of current underwriting performance and excludes changes in estimates related to prior year loss reserves.

The following table presents summary data for our consolidated underwriting operations, which are comprised predominantly of our Insurance and Reinsurance segments. Our consolidated underwriting results also include results from discontinued lines of business and the retained portion of our program services and other fronting operations.

		Three Months Ended March 31,			Quarter Ended June 30,			Six Months Ended June 30,			
<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	2024	2023	% Change	<i>(dollars in thousands)</i>	2024	2023	% Change	2024	2023	% Change
Gross premium volume	Gross premium volume	\$2,775,993	\$2,657,807	4 %	Gross premium volume	\$2,921,227	\$2,734,255	7 %	\$5,697,220	\$5,392,062	6 %
Net written premiums	Net written premiums	\$2,232,037	\$2,217,778	1 %	Net written premiums	\$2,278,779	\$2,207,693	3 %	\$4,510,816	\$4,425,471	2 %
Earned premiums	Earned premiums	\$2,127,627	\$1,967,704	8 %	Earned premiums	\$2,077,099	\$2,031,143	2 %	\$4,204,726	\$3,998,847	5 %
Underwriting profit	Underwriting profit	\$ 101,128	\$ 118,985	(15)%	Underwriting profit	\$ 134,229	\$ 145,380	(8) %	\$ 235,357	\$ 264,365	(11)%

Underwriting Ratios (1)

Underwriting Ratios (1)

Underwriting Ratios (1)	Point Change		Point Change		Point Change
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Loss ratio

Current accident year loss ratio

Current accident year loss ratio

Current accident year loss ratio

Prior accident years loss ratio

Loss ratio

Expense ratio

Combined ratio

(1) Amounts may not reconcile due to rounding.

Premiums

The increase in gross premium volume in our underwriting operations for the three quarter and six months ended March 31, 2024 June 30, 2024 was driven by targeted growth within both of our underwriting segments. Net retention of gross premium volume in our underwriting operations was 78% for the quarter ended June 30, 2024 compared to 81% for the same period of 2023. The decrease in net retention for the quarter ended June 30, 2024 was driven by lower retention within our Insurance segment. Net retention of gross premium volume in our underwriting operations was 80% 79% for the three six months ended March 31, 2024 June 30, 2024 compared to 83% 82% for the same period of 2023. The decrease in net retention for the three six months ended March 31, 2024 June 30, 2024 was driven by lower retention across both of our underwriting segments. Within our underwriting operations, we purchase reinsurance and retrocessional reinsurance to manage our net retention on individual risks and overall exposure to losses and to enable us to write policies with sufficient limits to meet policyholder needs. The increase in earned premiums in our underwriting operations for the three quarter and six months ended March 31, 2024 June 30, 2024 was primarily attributable to higher gross premium volume within our Insurance segment in recent periods.

In the first quarter half of 2024, we continued to achieve modest rate increases across our diversified product portfolio. Similar to 2023, the primary exceptions where we are seeing modest rate decreases are within our workers' compensation, public directors and officers and cyber portfolios, which is consistent with the broader market trends in these product classes. We examine each of our product classes regularly by evaluating pricing and exposure, underwriting terms and conditions, deal structure, including limits and attachment points, and our expectations around loss cost trends, among other things. We target premium growth only in product lines where we are confident in the levels of rate adequacy.

We continued to achieve significant, but moderating, levels of rate increases within our personal lines, property and select marine and energy product lines, with property rate increases softening in the second quarter. Each of these product lines continues to be priced at a level that we believe will earn appropriate returns on capital, and, they continue to produce profitable underwriting results. As a result, we are increasing continuing to increase our premium writings in these lines. Additionally, we achieved notable rate increases within many of our general liability product lines with U.S. exposures, and these rate increases are generally in line with, or better than, our assumptions on loss cost trends. We are being cautious in selecting which risks to pursue and are being intentional around pricing requirements, as well as rate adequacy and how much limit to deploy within certain subclasses of our general liability portfolio management considerations, as we rebalance our general liability portfolio and focus on growth in areas of the portfolio that we project will meet our profitability requirements.

Within our global insurance and reinsurance professional liability product lines, overall, we saw modest rate decreases driven by the continued rate decreases within our public directors and officers product line. Within this product line, we are contracting our new premium writings when we believe rates are inadequate and are also allowing business to lapse. In other professional liability product lines, particularly within our international portfolio and our U.S. commercial book, we are generally seeing downward pressure on rates persist in 2024; small rate decreases; however, these pockets of the portfolio have performed well overall, and we are continuing to pursue growth opportunities where we find the

business to be adequately priced. During the first quarter of 2024, we discontinued writing our risk-managed architects and engineers and intellectual property collateral protection product lines within our professional liability portfolio due to these products being unable to meet our profitability targets.

Combined Ratio

For the three quarter and six months ended March 31, 2024 June 30, 2024, the increase in our consolidated combined ratio compared to the same period of 2023 was primarily attributable to a higher attritional loss ratio within ratios on our U.S. professional liability and general liability product lines, including significant losses on our intellectual property collateral protection insurance (IP CPI) product in our Insurance segment, partially offset by the impact of more favorable development on prior years loss reserves in 2024 compared to 2023.

Intellectual Property Collateral Protection Insurance

During the quarter and six months ended June 30, 2024, we recognized losses on our recently discontinued IP CPI product in our Insurance segment. The following table summarizes the losses recognized and their impact on our Insurance segment and consolidated combined ratios. For the quarter and six months ended June 30, 2023, losses recognized on our IP CPI product did not have a notable impact on our combined ratio.

(dollars in thousands)	Quarter Ended June 30, 2024			Six Months Ended June 30, 2024		
	Losses and loss adjustment expenses	Point impact on combined ratio ⁽¹⁾		Losses and loss adjustment expenses	Point impact on combined ratio ⁽¹⁾	
		Insurance segment	Consolidated		Insurance segment	Consolidated
Current accident year	\$ 52,296	2.9 %	2.5 %	\$ 67,175	1.8 %	1.6 %
Prior accident years	4,086	0.2 %	0.2 %	29,657	0.8 %	0.7 %
Total	\$ 56,382	3.1 %	2.7 %	\$ 96,832	2.6 %	2.3 %

(1) The impact on the combined ratio is calculated as associated net losses and loss adjustment expenses divided by total Insurance segment or consolidated earned premiums, as applicable. Earned premiums on our IP CPI product for the quarter and six months ended June 30, 2024 were not material.

Beginning in late 2023, we began to observe higher than expected levels of defaults on loans collateralized by intellectual property, for which we provide coverage to the lenders through our IP CPI product line. Furthermore, for loans that are in default, the intellectual property that serves as security for the loans has proven to be less valuable than we initially anticipated.

In response to these adverse developments and the product's ultimate inability to meet our profitability targets, we discontinued writing this product at the beginning of 2024. However, we continued to recognize losses on our IP CPI product line in the first half of 2024 as additional claim events occurred, which result from both a default on the loan and impairment of the underlying intellectual property. As of June 30, 2024, all losses on probable claims have been recognized, however, we believe the potential for additional claims over the next 12 to 18 months is reasonably possible, and such amounts could be material to our results of operations, financial condition and cash flows. However, we believe the impact of such losses in any future quarter is unlikely to be significantly more than what we recognized in each of the past two quarters.

Insurance Segment

		Three Months Ended March 31,				Quarter Ended June 30,				Six Months Ended June 30,			
(dollars in thousands)	(dollars in thousands)	2024	2023	% Change	(dollars in thousands)	2024	2023	% Change	2024	2023	% Change	2024	2023
Gross premium volume	Gross premium volume	\$2,208,587	\$2,097,938	5 %	Gross premium volume	\$2,514,654	\$2,455,403	2 %	\$4,723,241	\$4,553,341	4 %		
Net written premiums	Net written premiums	\$1,754,729	\$1,702,141	3 %	Net written premiums	\$1,879,690	\$1,946,528	(3) %	\$3,634,419	\$3,648,669	0 %		
Earned premiums	Earned premiums	\$1,874,461	\$1,710,924	10 %	Earned premiums	\$1,813,003	\$1,763,186	3 %	\$3,687,464	\$3,474,110	6 %		
Underwriting profit	Underwriting profit	\$ 107,310	\$ 96,504	11 %	Underwriting profit	\$ 133,179	\$ 134,651	(1) %	\$ 240,489	\$ 231,155	4 %		

Underwriting Ratios ⁽¹⁾

Underwriting Ratios ⁽¹⁾

Underwriting Ratios ⁽¹⁾

Loss ratio

Point Change		Point Change		Point Change
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Current accident year loss ratio
Current accident year loss ratio
Current accident year loss ratio
Prior accident years loss ratio
Loss ratio
Expense ratio
Combined ratio

(1) Amounts may not reconcile due to rounding.

Premiums

The increase in gross premium volume in our Insurance segment for the three quarter and six months ended March 31, 2024 June 30, 2024 was driven by new business growth and more favorable rates within our personal lines, programs, marine and programs energy and property product lines, as well as increases on most classes of our international portfolio, partially offset by lower premium volume within select lines of our U.S. professional general liability and general product lines. For the six months ended June 30, 2024, the increase in gross premium volume was also partially offset by lower premium volume within select lines of our U.S. professional liability product lines. We have decreased writings within our risk-managed directors and officers professional liability product and our brokerage contractors, brokerage excess and umbrella and risk-managed excess casualty general liability products in response to underwriting actions aimed at achieving greater profitability within these product lines.

Net retention of gross premium volume was 75% for the quarter ended June 30, 2024 compared to 79% for the three same period of 2023. Net retention of gross premium volume was 77% for the six months ended March 31, 2024 June 30, 2024 compared to 81% 80% for the same period of 2023. The decrease in net retention for the three quarter and six months ended March 31, 2024 June 30, 2024 was driven by higher cessions on our professional liability product lines in 2024 compared to 2023. 2023, as well as changes in mix of business as we grow our personal lines product lines, which have a higher cession rate than most of the segment.

The increase in earned premiums for the three quarter and six months ended March 31, 2024 June 30, 2024 was primarily due to higher gross premium volume across most product lines in recent periods.

Combined Ratio Ratio: Quarter-to-Date

The increase in the Insurance segment's current accident year loss ratio for the three months quarter ended March 31, 2024 June 30, 2024 compared to the same period of 2023 was primarily attributable to higher attritional loss ratios within our U.S. general professional liability product lines, including a three point impact of losses from our IP CPI product line, and professional our U.S. general liability product lines. We have increased our attritional loss ratios on certain product classes within our general liability and professional liability product lines in response to unfavorable loss development trends in recent periods on these long-tail lines of business and uncertainty around future loss cost trends. periods.

The Insurance segment's combined ratio for the three months quarter ended March 31, 2024 June 30, 2024 included \$97.2 million \$146.6 million of favorable development on prior accident years loss reserves compared to \$62.6 million \$61.6 million for the same period of 2023. The increase in favorable development was primarily due to net favorable development on our general liability product lines in the second quarter of 2024, driven by our international business, compared to net adverse development on our general liability product lines in the same period of 2023, driven by our U.S. business. Additionally, we had more favorable development on our credit and surety product line in the second quarter of 2024 compared to the same period of 2023. We continue to approach reductions of prior year loss reserves on our long-tail U.S. professional liability and general liability product lines with caution given recent claims trends.

For the quarter ended June 30, 2024, favorable development was most significant on the more recent accident years within our international professional liability product lines, as well as on our credit and surety, property and personal lines product lines. The favorable development on prior years loss reserves in the second quarter of 2023 was most significant on our professional liability and property product lines.

The modest increase in the Insurance segment's expense ratio for the quarter ended June 30, 2024 compared to the same period of 2023 was primarily attributable to higher personnel costs and other general and administrative expenses, which were largely offset by a lower policy acquisition cost ratio.

Combined Ratio: Year-to-Date

The increase in the Insurance segment's current accident year loss ratio for the six months ended June 30, 2024 compared to the same period of 2023 was primarily attributable to higher attritional loss ratios within our U.S. professional liability product lines, including a two point impact of losses from our IP CPI product line, and our U.S. general liability product lines.

The Insurance segment's combined ratio for the six months ended June 30, 2024 included \$243.8 million of favorable development on prior accident years loss reserves compared to \$124.2 million for the same period of 2023. The increase in favorable development was primarily attributable to net favorable development on our general liability and professional liability product lines in during the first half of 2024, driven by our international business, compared to minimal net adverse development on these lines in 2023. For the three months ended March 31, 2024, favorable development was most significant on more recent accident years within our international professional liability and marine and energy product lines, as well as on our general liability product lines. Despite lines in the same period of 2023, driven by our U.S. business.

For the six months ended June 30, 2024, we experienced net favorable development on these long-tail lines, we continue to approach reductions of prior year loss reserves on our longer tail U.S. professional liability and general liability all major product lines, with caution given recent claims trend, the most significant favorable development on our international professional liability product lines. The favorable development on prior years loss reserves in 2023 was most significant on our professional liability, property, marine and energy property, and workers' compensation and programs product lines.

The modest increase in the Insurance segment's expense ratio for the three six months ended March 31, 2024 June 30, 2024 compared to the same period of 2023 was primarily attributable to higher personnel costs professional fees and other general and administrative expenses, which were largely offset by a lower policy acquisition cost ratio and the favorable impact of higher earned premiums.

Reinsurance Segment

		Three Months Ended March 31,			Quarter Ended June 30,			Six Months Ended June 30,				
					%						%	
(dollars in thousands)	(dollars in thousands)	2024	2023		Change	(dollars in thousands)	2024	2023	% Change	2024	2023	Change
Gross premium volume	Gross premium volume	\$553,245	\$552,061		0 %	Gross premium volume	\$420,692	\$281,100	50 %	\$973,937	\$833,161	17 %
Net written premiums	Net written premiums	\$477,481	\$516,091		(7) %	Net written premiums	\$399,588	\$261,496	53 %	\$877,069	\$777,587	13 %
Earned premiums	Earned premiums	\$253,339	\$257,234		(2) %	Earned premiums	\$264,630	\$268,288	(1) %	\$517,969	\$525,522	(1) %
Underwriting profit	Underwriting profit	\$ 12,010	\$ 24,234		(50) %	Underwriting profit	\$ 1,321	\$ 15,184	(91) %	\$ 13,331	\$ 39,418	(66) %
Underwriting Ratios ⁽¹⁾												
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(1) Amounts may not reconcile due to rounding.

Premiums

For the three months ended March 31, 2024 and 2023, The increase in gross premium volume in the our Reinsurance segment for the quarter ended June 30, 2024 was consistent. Higher gross premiums within our marine driven by the impact of favorable timing differences and energy, general liability and credit and surety product lines were offset by a significant decline in gross premiums within our professional liability product lines. Higher gross premiums within our marine and energy and general liability product lines were primarily due to increases on renewals, due to increased participation, and exposures, as well as new business. Higher gross premiums within our credit and surety product lines were primarily driven by favorable timing differences on multi-year contracts. Lower gross premiums within our professional liability product lines were primarily due to the non-renewal of certain significant contracts and unfavorable timing differences. lines. The non-renewals within our professional liability product lines were the result of our continued focus on rate adequacy and only writing business that meets our underwriting profit targets. The unfavorable favorable timing differences within our professional liability product lines were the result of two large contracts written in the first quarter of 2023 that we expect to renew were renewed in the second quarter of 2024. For the six months ended June 30, 2024, the increase in gross premium volume was driven by higher gross premium volume within our marine and energy and general liability product lines, primarily attributable to new business and increases on renewals, as well as the impact of favorable timing differences and new business within our workers' compensation product line. For the six months ended June 30, 2024, these increases were partially offset by the impact of non-renewals of certain significant contracts within our professional liability product lines as a result of our continued focus on rate adequacy and only writing business that meets our underwriting profit targets. Significant variability in gross premium volume can be expected in our Reinsurance segment due to individually significant contracts and multi-year contracts.

Net retention of gross premium volume for the three quarter ended June 30, 2024 was 95% compared to 93% for the same period of 2023. The increase of net retention for the quarter ended June 30, 2024 was driven by changes in mix of business, as our professional liability business is fully retained. Net retention of gross premium volume for the six

months ended **March 31, 2024** June 30, 2024 was **86%** 90% compared to 93% for the same period of 2023. The decrease in net retention for the **three** six months ended **March 31, 2024** June 30, 2024 was driven by changes in mix of gross the increased premium volume as our professional liability business is fully retained and in our marine and energy business, which carries a higher cession rate than the **rest of the** segment.

The **modest** decrease in earned premiums for the **three** quarter and six months ended **March 31, 2024** June 30, 2024 was primarily due to lower gross premium volume within our professional liability product lines **partially in recent periods**, largely offset by higher gross premium volume within **many of** our **general liability** other product lines in recent periods.

Combined Ratio: Quarter-to-Date

Combined Ratio The increase in the Reinsurance segment's current accident year loss ratio for the quarter ended June 30, 2024 compared to the same period of 2023 was primarily due to the impact of unfavorable premium adjustments in 2024 compared to favorable premium adjustments in 2023, driven by our professional liability and general liability product lines.

The Reinsurance segment's combined ratio for the **three** quarter ended June 30, 2024 included \$2.4 million of adverse development on prior accident years loss reserves. For the quarter ended June 30, 2023, the combined ratio included \$8.0 million of favorable development on prior accident years loss reserves, which was primarily attributable to modest favorable development across several product lines and accident years. This favorable development in 2023 was partially offset by adverse development and additional exposures recognized on prior accident years related to net favorable premium adjustments on our general liability product lines.

The decrease in the Reinsurance segment's expense ratio for the quarter ended June 30, 2024 compared to the same period of 2023 was primarily attributable to a lower policy acquisition cost ratio, driven by changes in mix of premium earnings as our professional liability business carries higher commission rates than the rest of the segment.

Combined Ratio: Year-to-Date

The increase in the Reinsurance segment's current accident year loss ratio for the six months ended **March 31, 2024** June 30, 2024 compared to the same period of 2023 was primarily due to less favorable premium adjustments in 2024 compared to 2023, driven by our general liability and professional liability product lines.

The Reinsurance segment's combined ratio for the six months ended June 30, 2024 included a **\$3.4 million** \$5.8 million increase in prior accident years loss reserves, which was primarily attributable to additional exposures recognized on prior accident years related to net favorable premium adjustments on our general liability **and professional liability** product lines. For the **three** six months ended **March 31, 2023** June 30, 2023, the combined ratio included **\$8.7 million** \$16.7 million of favorable development on prior accident years loss reserves, which was primarily attributable to **modest** favorable development on our professional liability and property product lines across several accident years. This favorable development in **the first quarter of** 2023 was partially offset by **adverse development and** additional exposures recognized on prior accident years related to net favorable premium adjustments on our general liability product lines.

The decrease in the Reinsurance segment's expense ratio for the six months ended June 30, 2024 compared to the same period of 2023 was primarily attributable to a lower policy acquisition cost ratio, driven by changes in mix of premium earnings as our professional liability business carries higher commission rates than the rest of the segment.

Other Insurance Operations

The following table presents the components of operating revenues and operating income attributable to our other insurance operations, which are not included in a reportable segment. We do not allocate amortization of acquired intangible assets to our operating segments, including our other insurance operations.

	Three Months Ended March 31,				Quarter Ended June 30,			
	2024	2024	2024	2023	2024	2024	2023	2023
(dollars in thousands)	Operating revenues	Operating income (loss)	Operating revenues	Operating income (loss)	(dollars in thousands)	Operating revenues	Operating income (loss)	Operating income (loss)
Program services and other fronting								
Insurance-linked securities								
Insurance-linked securities								
Program services - disposition gain								
Insurance-linked securities								
Life and annuity ⁽¹⁾								
Life and annuity ⁽¹⁾								
Life and annuity ⁽¹⁾								
Markel CATCo Re ⁽²⁾								
Markel CATCo Re ⁽²⁾								

Markel CATCo Re ⁽²⁾

Other	
	58,091
	71,169
Underwriting ⁽³⁾	

Other insurance operations

- (1) Investment income earned on the investments that support life and annuity policy benefit reserves is included in our Investing segment.
- (2) Results attributable to Markel CATCo Re for both all periods were entirely attributable to noncontrolling interest holders in Markel CATCo Re. See note 10, 12.
- (3) Underwriting results attributable to our other insurance operations include results from discontinued lines of business and the retained portion of our program services and other fronting operations.

	Six Months Ended June 30,			
	2024		2023	
	Operating revenues	Operating income (loss)	Operating revenues	Operating income (loss)
(dollars in thousands)				
Program services and other fronting	\$ 83,076	\$ 63,409	\$ 66,870	\$ 52,499
Program services - disposition gain	—	—	16,923	16,923
Insurance-linked securities	41,074	(2,130)	30,581	(2,861)
Life and annuity ⁽¹⁾	(18)	(6,221)	48	(6,898)
Markel CATCo Re ⁽²⁾	—	24,055	—	53,465
Other	5,128	(1,720)	5,544	(2,792)
	129,260	77,393	119,966	110,336
Underwriting ⁽³⁾	(707)	(18,463)	(785)	(6,208)
Other insurance operations	\$ 128,553	\$ 58,930	\$ 119,181	\$ 104,128

- (1) Investment income earned on the investments that support life and annuity policy benefit reserves is included in our Investing segment.
- (2) Results attributable to Markel CATCo Re for all periods were entirely attributable to noncontrolling interest holders in Markel CATCo Re. See note 12.
- (3) Underwriting results attributable to our other insurance operations include results from discontinued lines of business and the retained portion of our program services and other fronting operations.

Program Services and Other Fronting

The increase in operating revenues and operating income within our program services and other fronting operations for the three quarter and six months ended March 31, 2024 June 30, 2024 was due to higher gross premium volume in 2024 compared to the same period of 2023. The following table summarizes gross premium volume in our program services and other fronting operations.

		Three Months Ended March 31,			Three Months Ended March 31,			Three Months Ended March 31,						
		Quarter Ended June 30,			Six Months Ended June 30,									
<i>(dollars in thousands),</i>	<i>(dollars in thousands),</i>	2024	2023	% Change	<i>(dollars in thousands),</i>	2024	2023	% Change	2024	2023	% Change			
Program services	Program services	\$855,404	\$619,350	38	38 %	Program services	\$978,848	\$883,369	11	11 %	\$1,834,252	\$1,502,719	22	22 %
Other fronting	Other fronting	\$308,829	\$158,404	95	95 %	Other fronting	\$811,895	\$170,240	377	377 %	\$1,120,724	\$328,644	241	241 %

The increase in gross premium volume within our program services operations for the three quarter and six months ended March 31, 2024 June 30, 2024 was primarily attributable to expansion of existing programs programs. For the quarter and growth from new programs. The six months ended June 30, 2024, the increase in gross premium volume in our other fronting operations, for which represents business written on behalf of our Nephila ILS operations, was driven by favorable timing differences, as well as increases on renewals. For the three six months ended March 31, 2024 June 30, 2024, the increase in gross premium volume was also driven by growth of our property catastrophe and specialty programs with the Nephila Reinsurers.

In June 2023, we sold a subsidiary within our program services operations, which resulted in a gain of \$16.9 million.

Insurance-Linked Securities

The increase in operating revenues in our Nephila insurance-linked securities operations for the **three** quarter and six months ended **March 31, 2024** **June 30, 2024** was primarily due to changes in the mix of investment products within the funds. Nephila's net assets under management were **\$6.8 billion** **\$6.6 billion** as of **March 31, 2024** **June 30, 2024**.

Underwriting

For the **three** six months ended **March 31, 2024** **June 30, 2024**, the underwriting operating loss in our other insurance operations was primarily attributable to loss adjustment expenses related to asbestos and environmental exposures. Development on asbestos and environmental loss reserves is monitored separately from our ongoing underwriting operations and is not included in the Insurance or Reinsurance segments.

Investing Results

We measure our investment performance by analyzing net investment income, which reflects the recurring interest and dividend earnings on our investment portfolio. We also analyze net investment gains, which include unrealized gains and losses on our equity portfolio. Based on the potential for volatility in the financial markets, we understand that the level of gains or losses may vary from one period to the next, and therefore believe that our investment performance is best analyzed over longer periods of time. As of **March 31, 2024** **June 30, 2024**, the fair value of our equity portfolio included cumulative unrealized gains of **\$7.0 billion** **\$6.9 billion**.

The following table summarizes our consolidated investment performance, which consists predominantly of the results of our Investing segment. Net investment gains or losses in any given period are typically attributable to changes in the fair value of our equity portfolio due to market value movements. The change in net unrealized losses on available-for-sale investments in any given period is typically attributable to changes in the fair value of our fixed maturity portfolio due to changes in interest rates during the period. As of **March 31, 2024** **June 30, 2024**, 98% of our fixed maturity portfolio was rated "AA" or better.

		Three Months Ended March 31,		Three Months Ended March 31,		Three Months Ended March 31,		Quarter Ended June 30,		Six Months Ended June 30,			
(dollars in thousands)	(dollars in thousands)	2024		2023		(dollars in thousands)		2024		2023		2024	
Net investment income													
Yield on fixed maturity securities ⁽¹⁾	Yield on fixed maturity securities ⁽¹⁾	3.2	%	2.5	%	Yield on fixed maturity securities ⁽¹⁾		3.1	%	2.6	%	3.2	%
Yield on short-term investments ⁽¹⁾	Yield on short-term investments ⁽¹⁾	5.0	%	4.0	%	Yield on short-term investments ⁽¹⁾		4.7	%	4.3	%	4.8	%
Yield on cash and cash equivalents and restricted cash and cash equivalents ⁽¹⁾	Yield on cash and cash equivalents and restricted cash and cash equivalents ⁽¹⁾	3.5	%	2.0	%	Yield on cash and cash equivalents and restricted cash and cash equivalents ⁽¹⁾		4.0	%	2.8	%	3.7	%
Net realized investment losses													

Net realized investment losses														
Net realized investment losses		\$	(4,488)	\$	(3,221)									
Net realized investment gains (losses)														
Net realized investment gains (losses)														
Net realized investment gains (losses)		\$	(14,007)	\$	1,155			\$(18,495)			\$	(2,066)		
Change in fair value of equity securities	Change in fair value of equity securities	906,769	375,784	Change in fair value of equity securities	(116,010)	483,372			790,759		859,156			
Net investment gains		\$	902,281	\$	372,563									
Net investment gains (losses)		\$	(130,017)	\$	484,527			\$772,264			\$857,090			
Return on equity securities ⁽²⁾														
Return on equity securities ⁽²⁾														
Return on equity securities ⁽²⁾		9.8	%	5.2	%	(0.8)	%	6.3	%	8.9	%	11.8	%	
Other ⁽³⁾														
Other ⁽³⁾														
Other ⁽³⁾		\$	20,846	\$	(2,380)	\$	9,357	\$	(6,378)	\$	30,203	\$	(8,758)	
Change in net unrealized losses on available-for-sale investments	Change in net unrealized losses on available-for-sale investments	\$	(155,769)	\$	208,369	Change in net unrealized losses on available-for-sale investments	\$	(36,598)	\$	(170,570)	\$	(192,367)	\$	37,799

(1) Yields reflect the applicable annualized interest income as a percentage of the applicable monthly average invested assets at amortized cost.

(2) Return on equity securities is calculated by dividing dividends and the change in fair value of equity securities by the monthly average equity securities at fair value and considers the timing of net purchases and sales.

(3) Other income or losses within our investing operations primarily relate to equity method investments in our investing segment, which are managed separately from the rest of our investment portfolio.

For the **three quarter and six months ended March 31, 2024 June 30, 2024**, net investment income increased **37% 31% and 34%, respectively**, primarily driven by higher interest income on fixed maturity securities due to a higher yield and higher average holdings of fixed maturity securities in 2024 compared to 2023. During 2024, we have continued to allocate cash and short-term investments to fixed maturity securities to take advantage of high interest rates and to support our growing underwriting business. **The book yield on our fixed maturity portfolio at June 30, 2024 was 3.4%.** Additionally, interest income on our cash equivalents and short-term investments increased due to higher short-term interest rates and a higher portion of our cash being invested in money market funds during the **three quarter and six months ended March 31, 2024 June 30, 2024** compared to the same **period periods** of 2023. See note **3(d) 4(d)** of the notes to consolidated financial statements for details regarding the components of net investment income.

Markel Ventures Results

We measure the operating performance of our Markel Ventures segment by its operating income, as well as earnings before interest, income taxes, depreciation and amortization (EBITDA). We consolidate the results of our Markel Ventures subsidiaries on a one-month lag, with the exception of significant transactions or events that occur during the intervening period. The following table summarizes the results from our Markel Ventures segment.

Three Months Ended March 31,	
Three Months Ended March 31,	
Three Months Ended March 31,	
Quarter Ended June 30,	Six Months Ended June 30,

(dollars in thousands)	(dollars in thousands)	2024	2023	% Change	(dollars in thousands)	2024	2023	% Change	2024	2023	% Change
Operating revenues	Operating revenues	\$1,140,606	\$1,104,680	3	Operating revenues	\$1,453,781	\$1,386,579	5	\$2,594,387	\$2,491,259	4
Segment operating income	Segment operating income	\$103,915	\$92,178	13	Segment operating income	\$177,498	\$170,050	4	\$281,413	\$262,228	7
EBITDA	EBITDA	\$133,645	\$119,541	12	EBITDA	\$207,139	\$197,469	5	\$340,784	\$317,010	7

The increase increases in operating revenues for the three quarter and six months ended March 31, 2024 June 30, 2024 compared to the same period periods of 2023 was were driven by moderately higher revenues at across many of our products businesses, due in part to increased demand. Additionally, higher revenues reflect the impact of an acquisition made by one of our consumer and building products businesses construction services businesses and transportation-related businesses, due to a combination in the first quarter of 2024. For the six months ended June 30, 2024, the increase in operating revenues also reflects the impact of increased demand at one of our construction services businesses. For both the quarter and higher prices. These six months ended June 30, 2024, the increases in operating revenues were partially offset by the impact of delayed shipments decreased demand and lower prices at one of our equipment manufacturing businesses and decreased demand at one of our construction services transportation-related businesses.

The increases in segment operating income and EBITDA for the three quarter and six months ended March 31, 2024 June 30, 2024 compared to the same period periods of 2023 were driven by the impact of higher operating margins at our consumer and building products businesses, due to higher revenues and higher operating margins as a result of declines in the cost of materials, freight and labor, as well as higher revenues. These labor. The increases in segment operating income and EBITDA for the quarter and six months ended June 30, 2024 were partially offset by the impact of lower operating margins at our construction services businesses and lower revenues and operating margins at one of our construction services businesses due to decreased demand, transportation-related businesses.

Markel Ventures segment EBITDA is a non-GAAP financial measure. We use Markel Ventures segment EBITDA as an operating performance measure in conjunction with our segment performance metric, segment operating income, to monitor and evaluate the performance of our Markel Ventures segment. Because EBITDA excludes interest, income taxes, depreciation and amortization, it provides an indicator of economic performance that is useful to both management and investors in evaluating our Markel Ventures businesses as it is not affected by levels of debt, interest rates, effective tax rates or levels of depreciation or amortization resulting from purchase accounting. The following table reconciles Markel Ventures segment operating income to EBITDA.

		Three Months Ended March 31,									
		Three Months Ended March 31,									
		Three Months Ended March 31,									
				Quarter Ended June 30,				Six Months Ended June 30,			
<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	2024		2023	<i>(dollars in thousands)</i>	2024		2023		2024	2023
Markel Ventures segment operating income											
Depreciation expense											
Markel Ventures segment EBITDA											

Other

The following table presents the components of consolidated net income that are not allocated to our operating segments.

		Three Months Ended March 31,				Three Months Ended March 31,				Three Months Ended March 31,		
		Quarter Ended June 30,				Six Months Ended June 30,						
<i>(dollars in thousands)</i>	<i>(dollars in thousands)</i>	2024		2023	<i>(dollars in thousands)</i>	2024		2023	2024		2023	
Amortization of acquired intangible assets												
Interest expense												
Interest expense												
Interest expense												
Net foreign exchange (gains) losses												
Income tax expense												
Effective tax rate												
Effective tax rate												
Effective tax rate		22	%	20	%				22	%	21	%

Interest Expense

The decrease increase in interest expense for the three quarter and six months ended March 31, 2024 June 30, 2024 was attributable to the impact of the issuance of 6.0% unsecured senior notes in May 2024. For the six months ended June 30, 2024, the increase in interest expense was partially offset by the impact of the retirement of our 3.625% unsecured senior notes in March 2023 and lower debt held by our Markel Ventures subsidiaries.

Net Foreign Exchange Gains (Losses)

Net foreign exchange gains (losses) are primarily due to the remeasurement of our foreign currency denominated insurance loss reserves to the U.S. Dollar. The predominant foreign currencies within our insurance operations are the British Pound and the Euro. The U.S. Dollar strengthened against the Euro and British Pound during the first quarter half of 2024, while it weakened against the British Pound and Euro during the first quarter half of 2023. Pre-tax net foreign exchange gains and losses attributed to changes in exchange rates on available-for-sale securities supporting our insurance reserves, which are included in the changes in net unrealized losses on available-for-sale investments in other comprehensive income (loss), were losses of \$42.4 million \$3.1 million and \$45.5 million for the quarter and six months ended June 30, 2024, respectively, compared to gains of \$33.9 million \$1.2 million and \$35.2 million for the three months ended March 31, 2024 and 2023, respectively. same periods of 2023.

Income Taxes

The increase in the effective tax rate for the three six months ended March 31, 2024 June 30, 2024 compared to the same period of 2023 was due to higher state taxes and a decrease in Markel CATCo Re income not subject to tax in 2024 compared to 2023.

Comprehensive Income to Shareholders

The following table summarizes the components of comprehensive income to shareholders.

		Three Months Ended March 31,				Six Months Ended June 30,			
		Three Months Ended March 31,				Six Months Ended June 30,			
		Three Months Ended March 31,				Six Months Ended June 30,			
				Quarter Ended June 30,					

Investments, cash and cash equivalents and restricted cash and cash equivalents (invested assets) were \$32.0 billion \$32.6 billion and \$30.9 billion at March 31, 2024 June 30, 2024 and December 31, 2023, respectively. The following table presents the composition of our invested assets.

		March 31, 2024	December 31, 2023		June 30, 2024	December 31, 2023
Fixed maturity securities	Fixed maturity securities	45 %	47 %	Fixed maturity securities	46 %	47 %
Equity securities	Equity securities	33 %	31 %	Equity securities	33 %	31 %
Short-term investments, cash and cash equivalents and restricted cash and cash equivalents	Short-term investments, cash and cash equivalents and restricted cash and cash equivalents	22 %	22 %	Short-term investments, cash and cash equivalents and restricted cash and cash equivalents	21 %	22 %
Total	Total	100 %	100 %	Total	100 %	100 %

Our holding company had \$3.6 billion \$4.0 billion and \$3.5 billion of invested assets at March 31, 2024 June 30, 2024 and December 31, 2023, respectively. The increase was primarily due to net proceeds from our May 2024 debt offering, as well as an increase in the fair value of equity securities held by our holding company, largely partially offset by cash used to repurchase shares of our common stock. The following table presents the composition of our holding company's invested assets.

		March 31, 2024	December 31, 2023		June 30, 2024	December 31, 2023
Fixed maturity securities	Fixed maturity securities	4 %	4 %	Fixed maturity securities	3 %	4 %
Equity securities	Equity securities	54 %	49 %	Equity securities	48 %	49 %
Short-term investments, cash and cash equivalents and restricted cash and cash equivalents	Short-term investments, cash and cash equivalents and restricted cash and cash equivalents	42 %	47 %	Short-term investments, cash and cash equivalents and restricted cash and cash equivalents	49 %	47 %
Total	Total	100 %	100 %	Total	100 %	100 %

We have a share repurchase program, authorized by our Board of Directors, that provides for the repurchase of up to \$750 million of common stock. As of March 31, 2024 June 30, 2024, \$553.5 million \$456.2 million remained available for repurchases under the program. This share repurchase program has no expiration date but may be terminated by the Board of Directors at any time.

We may from time to time seek to prepay, retire or repurchase our outstanding senior notes or preferred shares, through open market purchases, privately negotiated transactions or otherwise. Those prepayments, retirements or repurchases, if any, will depend on prevailing market conditions, our liquidity requirements, contractual restrictions and other factors.

We have access to various capital sources, including dividends from our subsidiaries, holding company invested assets, undrawn capacity under our revolving credit facility and access to the debt and equity capital markets. We believe we have, or have access to, adequate liquidity to meet our capital and operating needs, including that which may be required to support the operating needs of our subsidiaries. However, the availability of these sources of capital and the availability and terms of future financings will depend on a variety of factors.

Cash Flows

Net cash provided by operating activities was \$630.7 million \$1.2 billion for the three six months ended March 31, 2024 June 30, 2024 compared to \$284.2 million \$1.0 billion for the same period of 2023. The increase in net cash flows from operating activities for the three six months ended March 31, 2024 June 30, 2024 compared to the same period in 2023 was primarily due in part to higher net premium collections. Additionally, during the three six months ended March 31, 2023 June 30, 2023, a payment of \$125.1 million was made to complete a retroactive reinsurance transaction to cede our portfolio of policies comprised of liabilities related to our run-off book of U.K. motor casualty business.

Net cash used by investing activities was \$564.2 million \$1.6 billion for the three six months ended March 31, 2024 June 30, 2024 compared to \$108.5 million \$373.6 million for the same period of 2023. During the three six months ended March 31, 2024 June 30, 2024, net cash used by investing activities included net purchases of fixed maturity securities, equity securities and short-term investments of \$333.2 million \$785.1 million, \$86.2 million \$223.3 million and \$21.4 million \$161.3 million, respectively. Net cash used by investing activities in 2024 also included \$154.4 million of net cash used for the acquisition of Valor. During the three six months ended March 31, 2023 June 30, 2023, net cash used by investing activities included net purchases of fixed maturity securities and equity securities of \$214.7 million \$778.2 million and \$65.1 million \$154.6 million, respectively, and net sales of short-term investments of \$210.2 million \$675.3 million. Cash flows from investing activities is affected by various factors such as anticipated payment of claims, financing activity, acquisition opportunities and individual buy and sell decisions made in the normal course of our investment portfolio management.

Net cash provided by financing activities was \$255.2 million for the six months ended June 30, 2024, which included net proceeds of \$592.6 million from our May 2024 debt offering, as previously discussed. Net cash used by financing activities was \$102.7 million \$629.9 million for the three six months ended March 31, 2024 compared to \$412.2 million for the same period June 30, 2023, which included a payment of 2023. Cash of \$160.9 million and \$82.0 million was used to repurchase shares of our common stock during the first three months of 2024 and 2023, respectively. During the three months ended March 31, 2023, net cash used by financing activities included \$250.0 \$250 million to retire our 3.625% unsecured senior notes due March 30, 2023. Additionally, financing activities during the three six months ended March 31, 2024 June 30, 2024 and 2023 reflected borrowings and repayments of debt at certain our Markel Ventures businesses, primarily on revolving lines of credit. Cash of \$260.2 million and \$187.2 million was used to repurchase shares of our common stock during the first six months of 2024 and 2023, respectively.

Critical Accounting Estimates

Critical accounting estimates are those estimates that both are important to the portrayal of our financial condition and results of operations and require us to exercise significant judgment. The preparation of financial statements in accordance with U.S. GAAP requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses and the disclosure of material contingent assets and liabilities. These estimates, by necessity, are based on assumptions about numerous factors.

Our critical accounting estimates consist of estimates and assumptions used in determining the reserves for unpaid losses and loss adjustment expenses as well as estimates and assumptions used in the valuation of goodwill and intangible assets. We review the adequacy of reserves for unpaid losses and loss adjustment expenses quarterly. Estimates and assumptions for goodwill and intangible assets are reviewed in conjunction with acquisitions and impairment assessments. Goodwill and indefinite-lived intangible assets are reassessed for impairment at least annually. All intangible assets, including goodwill, are also reviewed for impairment when events or circumstances indicate that their carrying value may not be recoverable. Actual results may differ materially from the estimates and assumptions used in preparing the consolidated financial statements.

Readers are urged to review our 2023 Annual Report on Form 10-K for a more complete description of our critical accounting estimates.

Safe Harbor and Cautionary Statement

This report contains statements concerning or incorporating our expectations, assumptions, plans, objectives, future financial or operating performance and other statements that are not historical facts. These statements are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements may use words such as "anticipate," "believe," "estimate," "expect," "intend," "predict," "project" and similar expressions as they relate to us or our management.

There are risks and uncertainties that may cause actual results to differ materially from predicted results in forward-looking statements. Factors that may cause actual results to differ are often presented with the forward-looking statements themselves. Additional factors that could cause actual results to differ from those predicted are set forth under "Business," "Risk Factors," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Quantitative and Qualitative Disclosures About Market Risk" in our 2023 Annual Report on Form 10-K or under "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Quantitative and Qualitative Disclosures About Market Risk" in this report, or are included in the items listed below:

- the effect of cyclical trends or changes in market conditions on our Insurance, Investments and Markel Ventures operations, including demand and pricing in the insurance, reinsurance and other markets in which we operate;
- actions by competitors, including the use of technology and innovation to simplify the customer experience, increase efficiencies, redesign products, alter models and effect other potentially disruptive changes in the insurance industry, and the effect of competition on market trends and pricing;
- our efforts to develop new products, expand in targeted markets or improve business processes and workflows may not be successful and may increase or create new risks (e.g., insufficient demand, change to risk exposures, distribution channel conflicts, execution risk, regulatory risk, increased expenditures);
- the frequency and severity of man-made, health-related and natural catastrophes may exceed expectations, are unpredictable and, in the case of some natural catastrophes, may be exacerbated by changing conditions in the climate, oceans and atmosphere, resulting in increased frequency and/or severity of extreme weather-related events;
- we offer insurance and reinsurance coverage against terrorist acts in connection with some of our programs, and in other instances we are legally required to offer terrorism insurance; in both circumstances, we actively manage our exposure, but if there is a covered terrorist attack, we could sustain material losses;
- emerging claim and coverage issues, changing industry practices and evolving legal, judicial, social and other claims and coverage trends or conditions, can increase the scope of coverage, the frequency and severity of claims and the period over which claims may be reported; these factors, as well as uncertainties in the loss estimation process, can adversely impact the adequacy of our loss reserves and our allowance for reinsurance recoverables;
- reinsurance reserves are subject to greater uncertainty than insurance reserves, primarily because of reliance upon the original underwriting decisions made by ceding companies and the longer lapse of time from the occurrence of loss events to their reporting to the reinsurer for ultimate resolution;
- inaccuracies (whether due to data error, human error or otherwise) in the various modeling techniques and data analytics (e.g., scenarios, predictive and stochastic modeling, and forecasting) we use to analyze and estimate exposures, loss trends and other risks associated with our insurance and insurance-linked securities businesses could cause us to misprice our products or fail to appropriately estimate the risks to which we are exposed;

- changes in the assumptions and estimates used in establishing reserves for our life and annuity reinsurance book (which is in runoff), for example, changes in assumptions and estimates of mortality, longevity, morbidity and interest rates, could result in material changes in our estimated loss reserves for that business;
 - adverse developments in insurance coverage litigation or other legal or administrative proceedings could result in material increases in our estimates of loss reserves;
 - initial estimates for catastrophe losses and other significant, infrequent events are often based on limited information, are dependent on broad assumptions about the nature and extent of losses, coverage, liability and reinsurance, and those losses may ultimately differ materially from our expectations;
 - changes in the availability, costs, quality and providers of reinsurance coverage, which may impact our ability to write, or continue to write, certain lines of business or to mitigate the volatility of losses on our results of operations and financial condition;
 - the ability or willingness of reinsurers to pay balances due may be adversely affected by industry and economic conditions, deterioration in reinsurer credit quality and coverage disputes, and collateral we hold, if any, may not be sufficient to cover a reinsurer's obligation to us;
 - after the commutation of ceded reinsurance contracts, any subsequent adverse development in the re-assumed loss reserves will result in a charge to earnings;
 - regulatory actions can impede our ability to charge adequate rates and efficiently allocate capital;
 - general economic and market conditions and industry specific conditions, including: extended economic recessions or expansions; prolonged periods of slow economic growth; inflation or deflation; fluctuations in foreign currency exchange rates, commodity and energy prices and interest rates; volatility in the credit and capital markets; and other factors;
 - economic conditions, actual or potential defaults in corporate bonds, municipal bonds, mortgage-backed securities or sovereign debt obligations, volatility in interest and foreign currency exchange rates, changes in U.S. government debt ratings and changes in market value of concentrated investments can have a significant impact on the fair value of our fixed maturity securities and equity securities, as well as the carrying value of our other assets and liabilities, and this impact may be heightened by market volatility and our ability to mitigate our sensitivity to these changing conditions;
-
- economic conditions may adversely affect our access to capital and credit markets;
 - the effects of government intervention, including material changes in the monetary policies of central banks, to address financial downturns, inflation and other economic and currency concerns;
 - the impacts that political and civil unrest and regional conflicts may have on our businesses and the markets they serve or that any disruptions in regional or worldwide economic conditions generally arising from these situations may have on our businesses, industries or investments;
 - the impacts of liability, transition and physical risks associated with climate change;
 - the significant volatility, uncertainty and disruption caused by health epidemics and pandemics, as well as governmental, legislative, judicial or regulatory actions or developments in response thereto;
 - changes in U.S. tax laws, regulations or interpretations, or in the tax laws, regulations or interpretations of other jurisdictions in which we operate, and adjustments we may make in our operations or tax strategies in response to those changes;
 - a failure or security breach of, or cyberattack on, enterprise information technology systems that we, or third parties who perform certain functions for us, use or a failure to comply with data protection or privacy regulations;
-
- third-party providers may perform poorly, breach their obligations to us or expose us to enhanced risks;
 - our acquisitions may increase our operational and internal control risks for a period of time;
 - we may not realize the contemplated benefits, including cost savings and synergies, of our acquisitions;
 - any determination requiring the write-off of a significant portion of our goodwill and intangible assets;
 - the failure or inadequacy of any methods we employ to manage our loss exposures;
 - the loss of services of any senior executive or other key personnel, or an inability to attract and retain qualified personnel, for our businesses could adversely impact one or more of our operations;
 - the manner in which we manage our global operations through a network of business entities could result in inconsistent management, governance and oversight practices and make it difficult for us to implement strategic decisions and coordinate procedures;
 - our substantial international operations and investments expose us to increased political, civil, operational and economic risks, including foreign currency exchange rate and credit risk;
 - our ability to obtain additional capital for our operations on terms favorable to us;
 - the compliance, or failure to comply, with covenants and other requirements under our credit facilities, senior debt and other indebtedness and our preferred shares;
 - our ability to maintain or raise third-party capital for existing or new investment vehicles and risks related to our management of third-party capital;

- the effectiveness of our procedures for compliance with existing and future guidelines, policies and legal and regulatory standards, rules, laws and regulations;
 - the impact of economic and trade sanctions and embargo programs on our businesses, including instances in which the requirements and limitations applicable to the global operations of U.S. companies and their affiliates are more restrictive than, or conflict with, those applicable to non-U.S. companies and their affiliates;
 - regulatory changes, or challenges by regulators, regarding the use of certain issuing carrier or fronting arrangements;
 - our dependence on a limited number of brokers for a large portion of our revenues and third-party capital;
 - adverse changes in our assigned financial strength, debt or preferred share ratings or outlook could adversely impact us, including our ability to attract and retain business, the amount of capital our insurance subsidiaries must hold and the availability and cost of capital;
 - changes in the amount of statutory capital our insurance subsidiaries are required to hold, which can vary significantly and is based on many factors, some of which are outside our control;
 - losses from litigation and regulatory investigations and actions; and
-
- a number of additional factors may adversely affect our Market Ventures businesses, and the markets they serve, and negatively impact their revenues and profitability, including, among others: adverse weather conditions, plant disease and other contaminants; changes in government support for education, healthcare and infrastructure projects; changes in capital spending levels; changes in the housing, commercial and industrial construction markets; liability for environmental matters; supply chain and shipping issues, including increases in freight costs; volatility in the market prices for their products; and volatility in commodity, wholesale and raw materials prices and interest and foreign currency exchange rates.

Results from our Insurance, Investments and Market Ventures operations have been and will continue to be potentially materially affected by these factors.

By making forward-looking statements, we do not intend to become obligated to publicly update or revise any such statements whether as a result of new information, future events or other changes. Readers are cautioned not to place undue reliance on any forward-looking statements, which are based on our current knowledge and speak only as at their dates.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Market risk is the risk of economic losses due to adverse changes in the estimated fair value of a financial instrument as the result of changes in equity prices, interest rates, foreign currency exchange rates and commodity prices. Our consolidated balance sheets include assets and liabilities with estimated fair values that are subject to market risk. Our primary market risks are equity price risk associated with investments in equity securities, interest rate risk associated with investments in fixed maturity securities and foreign currency exchange rate risk associated with our international operations. During the **three six** months ended **March 31, 2024** **June 30, 2024**, there were no material changes in our market risk exposures from those described in our 2023 Annual Report on Form 10-K.

Credit Risk

Credit risk, which is not considered a market risk, is the risk that an entity becomes unable or unwilling to fulfill their obligations to us. Our primary credit risks are the credit risk within our fixed maturity portfolio and the credit risk related to our reinsurance recoverables within our underwriting, program services and other fronting operations. During the **three six** months ended **March 31, 2024** **June 30, 2024**, there were no material changes in our credit risk exposures from those described in our 2023 Annual Report on Form 10-K.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

As of the end of the period covered by this quarterly report, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures (Disclosure Controls), as defined under Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934 (Exchange Act). This evaluation was conducted under the supervision and with the participation of our management, including the Principal Executive Officer (PEO) and the Principal Financial Officer (PFO).

Based upon this evaluation, the PEO and PFO concluded that effective Disclosure Controls were in place to ensure that the information required to be disclosed in reports we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.

Changes in Internal Control over Financial Reporting

During the first quarter of 2024, we implemented a new instance of our enterprise resource planning system that included certain structural changes in our ledger design. The new instance allows for improved performance and functionality and provides scalability for future growth. Throughout the transition and upon implementation of the new instance, we evaluated the impact of the new instance on our internal controls over financial reporting and made updates to controls as necessary.

There were no other changes in our internal control over financial reporting during the first second quarter of 2024 that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

Thomas Yeransian v. Markel Group Inc.

We previously reported that Thomas Yeransian, in his capacity as the representative of holders of certain contingent value rights, filed three suits against the Company:

- Thomas Yeransian v. Markel Corporation (U.S. District Court for the District of Delaware), filed September 15, 2016;
- Thomas Yeransian v. Markel Corporation (U.S. District Court for the District of Delaware), filed November 13, 2018; and
- Thomas Yeransian v. Markel Corporation (U.S. District Court for the District of Delaware), filed June 5, 2020.

The three suits were consolidated. On June 8, 2023, the court District Court ruled in favor of the Company and against Mr. Yeransian on all counts. On July 7, 2023, Mr. Yeransian appealed the court's District Court's decision to the United States Court of Appeals for the Third Circuit. On June 11, 2024, the Appellate Court affirmed the order entered by the District Court on June 8, 2023. For additional information regarding these three suits, see Item 3 Legal Proceedings in our 2023 Annual Report on Form 10-K. We believe Mr. Yeransian's suits to be without merit. We further believe that any material loss resulting from the suits to be remote.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

The following table summarizes our common share repurchases for the quarter ended March 31, 2024 June 30, 2024.

Issuer Purchases of Equity Securities									
	(a)	(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)
Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs ⁽¹⁾	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in thousands)	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs ⁽¹⁾	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in thousands)	
January 1, 2024 through January 31, 2024									
February 1, 2024 through February 29, 2024									
March 1, 2024 through March 31, 2024									
April 1, 2024 through April 30, 2024									
May 1, 2024 through May 31, 2024									
June 1, 2024 through June 30, 2024									
Total									

(1) The Board of Directors approved the repurchase of up to \$750 million of our common shares pursuant to a share repurchase program publicly announced in November 2023. Under our share repurchase program, we may repurchase outstanding common shares of our stock from time to time in privately negotiated or open market transactions, including under plans complying with Rule 10b5-1 and Rule 10b-18 under the Exchange Act. The share repurchase program has no expiration date but may be terminated by the Board at any time.

Item 5. Other Information

Adoption or Termination of Trading Arrangements by Directors or Officers

On February 20, 2024 During the Company's quarterly period ended June 30, 2024, Steven A. Markel, Chair of the Board and a Director no director or officer (as defined in Exchange Act Rule 16a-1(f)) of the Company adopted or terminated a Rule "Rule 10b5-1 trading arrangement that is intended to satisfy the affirmative defense of Rule 10b5-1(c) for the sale of up to 3,000 of the Company's common shares until February 14, 2025 (or the date on which all shares have been sold), arrangement" or "non-Rule 10b5-1 trading arrangement" as defined in Regulation S-K Item 408.

Item 6. Exhibits

<u>Exhibit No.</u>	<u>Document Description</u>
3.1(a)	Amended and Restated Articles of Incorporation (incorporated by reference from Exhibit 3.1 in the Registrant's report on Form 8-K filed with the Commission May 13, 2011).
3.1(b)	Articles of Amendment to the Amended and Restated Articles of Incorporation (incorporated by reference from Exhibit 3.1 in the Registrant's report on Form 8-K filed with the Commission May 27, 2020).
3.1(c)	Articles of Amendment to the Amended and Restated Articles of Incorporation (incorporated by reference from Exhibit 3.1 in the Registrant's report on Form 8-K filed with the Commission May 16, 2023).
3.2	Bylaws, as amended and restated May 26, 2023 (incorporated by reference from Exhibit 3.2 in the Registrant's report on Form 10-Q filed with the Commission August 2, 2023).
4.1(a)	Indenture dated as of June 5, 2001, between Markel Corporation and The Chase Manhattan Bank, as Trustee (incorporated by reference from Exhibit 4.1 in the Registrant's report on Form 8-K filed with the Commission June 5, 2001).
4.1(b)	Form of Third Supplemental Indenture dated as of August 13, 2004 between Markel Corporation and JPMorgan Chase Bank (formerly known as The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission August 11, 2004).
4.1(c)	Form of Ninth Supplemental Indenture dated as of March 8, 2013 between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.3 in the Registrant's report on Form 8-K filed with the Commission March 7, 2013).
4.1(d)	Form of Tenth Supplemental Indenture dated as of April 5, 2016 between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission March 31, 2016).
4.1(e)	Eleventh Supplemental Indenture dated as of November 2, 2017 between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission November 2, 2017).
4.1(f)	Twelfth Supplemental Indenture dated as of November 2, 2017 between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.3 in the Registrant's report on Form 8-K filed with the Commission November 2, 2017).
4.1(g)	Thirteenth Supplemental Indenture, dated as of May 20, 2019, between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission May 20, 2019).
4.1(h)	Fourteenth Supplemental Indenture, dated as of September 17, 2019, between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission September 17, 2019).
4.1(i)	Fifteenth Supplemental Indenture, dated as of September 17, 2019, between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.3 in the Registrant's report on Form 8-K filed with the Commission September 17, 2019).
4.1(j)	Sixteenth Supplemental Indenture, dated as of May 7, 2021, between Markel Corporation and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission May 7, 2021).
4.1(k)	Seventeenth Supplemental Indenture, dated as of May 16, 2024, between Markel Group Inc. and The Bank of New York Mellon (as successor to The Chase Manhattan Bank), as Trustee, including form of the securities as Exhibit A (incorporated by reference from Exhibit 4.2 in the Registrant's report on Form 8-K filed with the Commission May 16, 2024).

The registrant hereby agrees to furnish to the Securities and Exchange Commission, upon request, a copy of all other instruments defining the rights of holders of long-term debt of the registrant and its subsidiaries.

10.1	Amended and Restated Credit Agreement, dated as of June 23, 2023, among Markel Group Inc., Markel Bermuda Limited, Markel Global Reinsurance Company, the lenders from time to time party thereto, and Wells Fargo Bank, National Association, as the administrative agent (incorporated 2024 Equity Incentive Compensation Plan (incorporated by reference from Exhibit 10.1 in the Registrant's report on Form 8-K filed with the Commission June 23, 2023) May 24, 2024)*
10.2(a)	Form of MPerform arkel Grouance-Based Restrictedp Inc. 2020 Employee Stock Unit Award Agreement (adopted 2024) for Executive Officers under the Registrant's Equity Incentive Compensation Plan* **
10.2(b)	Form of Long-Term Service Restricted Stock Unit Award Agreement (adopted 2024) for Executive Officers under the Registrant's Equity Incentive Compensation Purchase Plan* **
31.1	Certification of Principal Executive Officer Pursuant to Rule 13a-14(a)/15d-14(a)**
31.2	Certification of Principal Financial Officer Pursuant to Rule 13a-14(a)/15d-14(a)**
32.1	Certification furnished Pursuant to 18 U.S.C. Section 1350**
101	The following consolidated financial statements from Markel Group's Group Inc.'s Quarterly Report on Form 10-Q for the quarter ended March 31, 2024 June 30, 2024, filed on May 1, 2024 July 31, 2024, formatted in Inline XBRL: (i) Consolidated Balance Sheets, (ii) Consolidated Statements of Income and Comprehensive Income, (iii) Consolidated Statements of Changes in Equity, (iv) Condensed Consolidated Statements of Cash Flows and (v) Notes to Consolidated Financial Statements.**
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

* Indicates management contract or compensatory plan or arrangement
** Filed with this report

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, this 131st day of May July 2024.

Markel Group Inc.

By: /s/ Thomas S. Gayner
Thomas S. Gayner
Chief Executive Officer
(Principal Executive Officer)

By: /s/ Brian J. Costanzo
Brian J. Costanzo
Chief Financial Officer
(Principal Financial Officer)

MARKEL GROUP INC.

PERFORMANCE-BASED RESTRICTED STOCK UNIT
AWARD AGREEMENT

AWARDED TO	AWARD DATE	VESTING SCHEDULE ¹	PERCENTAGE OF UNITS
XXXX	XXXX	VESTING DATE	100%

MARKEL GROUP INC. (the "Company") grants you ("you" or the "Participant") the opportunity to receive restricted stock units ("Units"). The number of Units you may receive will be based on performance conditions as set forth in Schedule A – Performance Conditions. Until the Vesting Date stated above, these Units are forfeitable and nontransferable, except as specifically provided in this Award Agreement. The Compensation Committee of the Company's Board of Directors (the "Committee") or its authorized delegate will administer this Agreement and its decisions will be final. Any capitalized terms not defined in this Award Agreement will have the meanings provided in the Markel Group Inc. Equity Incentive Compensation Plan in effect at the time of the grant (the "Plan").

The terms of the award are:

1. **Performance Conditions.** The performance conditions for your award are set forth in Schedule A. Your award potential is expressed as a percentage of either base salary or eligible earnings, as set forth on Schedule A. On the date the Committee certifies the completion of the Performance Criteria in Schedule A (the "Determination Date"), the Committee will also determine the dollar equivalent of your Units based on the criteria included in Schedule A. The number of Units you will receive is determined by dividing the dollar equivalent by the Fair Market Value of a share of Company Stock on the Determination Date. You will not be awarded any Units if your employment ends prior to the Determination Date.
2. **Vesting For Units.** If you remain employed through the Vesting Date, the Units will become vested and non-forfeitable. For each vested Unit, the Company will issue you a share of Company Stock.
3. **Distribution of Units.** Once issued, the shares of Company Stock will be distributed on or as soon as administratively practicable but no later than 90 days after either:

a. the Vesting Date, or

b. such later date as may be elected by you pursuant to a valid deferral election in accordance with procedures determined by the Company.
4. **Forfeiture of Units.** In general, if you separate from service before the Vesting Date, any unvested Units will be forfeited. Under the circumstances set forth below (subject to the other terms of this Award Agreement, including Section 5), Units will vest or be forfeited, in whole or part, upon separation from service before the Vesting Date as follows:

a. **Death or Disability.** If you separate from service due to death or Disability, then the unvested Units will become fully vested and non- forfeitable, and shares will be issued on the date on which your death or Disability occurs or as soon as administratively practicable (but in any event no later than 90 days) thereafter.

b. **55/5.** If you separate from service for any reason (other than due to death, Disability or termination for Cause) after turning 55 years old and, at the time of separation, you have at least 5 consecutive years of service with the Company or its Subsidiaries since your most recent hire date, then the unvested Units will become fully vested and non-forfeitable, and shares will be issued, on the date on which your separation occurs or as soon as administratively practicable (but in any event no later than 90 days) thereafter, subject to Section 5 (Specified Employee) below.

c. **Military Service.** If you separate from service due to military service or are absent from work due to an approved military leave, then the number of Units set forth in this Award will be vested on a pro rata basis based on a fraction of the number of whole months from January 1 of the calendar year following the calendar year in which the Award Date occurs until the date of separation/leave commencement divided by 36, and shares will be issued on the earlier of (i) the otherwise applicable Vesting Date or (ii) the date on which your separation occurs or as soon as administratively practicable (but in any event no later than 90 days) thereafter, subject to Section 5 below. Any remaining unvested Units will be forfeited as of the date of separation/leave commencement; except that a Participant who separates from service due to military service or who is absent from work due to approved military leave, and who returns to active employment with the Company upon cessation of such military service before the otherwise applicable Vesting Date will vest in any remaining unvested Units if employed on the Vesting Date.
5. **Acceleration.** If necessary or appropriate to ensure orderly administration of the Company's payroll and tax reporting obligations, the Company may accelerate vesting or distribution of restricted stock units up to a maximum of thirty days before the date on which such restricted stock units would otherwise have vested or distributed.
- d. **Involuntary Termination; Redundancy.** If you separate from service due to involuntary termination other than for Cause, then the unvested Units will become fully vested and non-forfeitable, and shares will be issued, on the date on which your separation from service occurs. In an event, the award will be issued as soon as administratively practicable after these conditions are met, but no later than 90 days thereafter, subject to Section 5 below.
- e. **Change in Control.** If you separate from service within 12 months after a Change in Control due to Involuntary Termination, then the unvested Units will become fully vested and non-forfeitable, and shares will be issued on the date on which your separation from service occurs (or as soon as administratively practicable (but in any event no later than 90 days) thereafter, subject to Section 5 below. For this purpose, Involuntary Termination means your employment is involuntarily terminated without Cause or you terminate your employment for Good Reason, in each case as defined in the Plan.

If you have elected to defer the receipt of shares for your vested Units pursuant to a valid deferral election and you separate from service (whether before or after the Vesting Date) for any reason other than death or Disability, then shares will be issued for your vested Units, including any Units which have become vested as a result of such separation, as soon as administratively practicable (but in any event no later than 90 days) after the date on which you have elected to receive the shares, notwithstanding the above.

5. **Six Month Delay for Specified Employees.** If you separate from service before the Vesting Date as set forth in Section 3 above, other than due to death or Disability, and if you are a "specified employee" (as defined in Section 409A(a)(2)(B)(i) of the Code and the generally applicable Internal Revenue Service guidance thereunder) on the date of your separation, then, notwithstanding anything in Section 3 to the contrary, no shares will be issued for your Units until the date that is six months after the date of your separation (or until the date of your death, if earlier). Any shares which you would otherwise have been entitled to receive during the first six months following the date of your separation will be issued instead on the date which is six months after the date of your separation (or on the date of your death, if earlier). Whether you are a "specified employee" will be determined under guidelines established by the Company for this purpose.
6. **Separation from Service Defined.** References throughout this Agreement to the Participant's "separation from service" and variations thereof will have the meaning set forth in Section 1.409A-1(h) of the Treasury Regulations, as amended from time to time, applying the default terms thereof.
7. **Forfeiture and Restitution.** If during the period of the Participant's employment and two years thereafter, the Company's Chief Executive Officer with respect to any Participant other than to any employee who is an executive officer of the Company for purposes of Section 16 of the Securities Exchange Act of 1934 (including themselves) or the Committee (with respect to a Section 16 Officer) determines, in their or its sole and complete discretion, that the Participant has engaged in any the following, then they or it may either: (a) cancel this Award without any payment, and/or (b) require the Participant to repay the gross amount of any payment received under this Award within the previous two years, by delivery of a number of shares equal to the number of Units awarded (or the Fair Market Value thereof in cash):
 - a. the Participant has become associated with, recruited or solicited customers or other employees of the Company or its Subsidiaries for, or has become employed by, rendered services to, or acquired any interest in (other than any non-substantial interest) any business that is in competition with the Company or its Subsidiaries,
 - b. the Participant's employment has been terminated for Cause,
 - c. the Participant has disclosed the terms of this Agreement to any person other than, on a confidential basis, their spouse, attorneys, accountants or financial advisors or in response to a court order, or
 - d. the Participant has engaged in conduct detrimental to the interests of the Company or its Subsidiaries.

In addition, this Award shall be subject to any recoupment or clawback policy that is adopted by, or applicable to, the Company, pursuant to any requirement of law or any exchange listing requirement related to clawback or other recovery of incentive compensation. The provisions of this Section 6 are material consideration for this Award, which would not have been granted had Participant not agreed to them. If a Participant fails to repay in full any amount subject to repayment under this Section 6 within thirty (30) days following a demand from the Company, the Company may enforce the terms of this Section 6 by obtaining a court order against the Participant for the return of such amount, and the Participant consents to jurisdiction in the courts set forth in Section 11 for purposes of obtaining such an order. The Company may also offset any amount it otherwise owes to the Participant to collect any amount due under this Section 6. The remedies outlined in this Section 6 are without limitation as to any other remedies the Company may pursue against the Participant at law or in equity.

8. **Transfer Restrictions.** The Participant's rights to the Units are not subject to sale, assignment, transfer, pledge, or encumbrance.
9. **Tax Withholding.** Unless alternative arrangements satisfactory to the Company are made, the Company will withhold from the payment for the vested Units shares with a Fair Market Value equal to the minimum amount of any foreign, federal, state, or local income, employment or other taxes imposed on the payment required to be withheld by law. The Fair Market Value will be determined on the Vesting Date.
10. **Binding Effect.** Subject to the limitations stated above, this Agreement will be binding upon and inure to the benefit of the Participant's legatees, distributees, and personal representatives and the successors of the Company.

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11. **Change in Capital Structure.** The Units will be adjusted as the Committee determines is equitably required in the event of a dividend in the form of stock, spin-off, stock split-up, subdivision or consolidation of shares of Company Stock or other similar changes in capitalization.
 12. **Interpretation.** This Agreement will be construed under and be governed by the laws of the Commonwealth of Virginia. THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF VIRGINIA OR THE CIRCUIT COURT FOR THE COUNTY OF HENRICO WILL HAVE EXCLUSIVE JURISDICTION OVER ANY DISPUTES ARISING OUT OF OR RELATED TO THE PLAN OR THIS AGREEMENT.
 13. **Code Section 409A.** This Agreement is intended to comply with the applicable requirements of Sections 409A(a)(2) through (4) of the Code, and will be interpreted to the extent context reasonably permits in accordance with this intent. The parties agree to modify this Agreement or the timing (but not the amount) of any payment to the extent necessary to comply with Section 409A of the Code and avoid application of any taxes, penalties, or interest thereunder. However, in the event that any amounts payable under this Agreement are subject to any taxes, penalties or interest under Section 409A of the Code or otherwise, the Participant will be solely liable for the payment thereof.
 14. **Acceptance.** By accepting any Units or benefits under this Agreement, Participant is accepting all the provisions hereof, including without limitation Section 6 hereof.

IN WITNESS WHEREOF, the Company has caused this Agreement to be signed as of the award date shown above.

MARKEL GROUP INC.

By: _____

SCHEDULE A

PERFORMANCE CONDITIONS

Performance Metric for Restricted Stock Unit Award
Based on Group Operating Income and TSR Metrics

The Restricted Stock Unit Target ("Target") is a dollar amount calculated as a percentage of base salary in the Company's HR system of record on the Determination Date.

Fifty percent of the Target is subject to the modifier percentage corresponding to the average annual Markel Group consolidated operating income, determined in accordance with GAAP, for the five-year period ended December 31, 2024 ("5 Year Average Operating Income") in the grid below. The other fifty percent of the Target is subject to the modifier percentage corresponding to the compound annual growth rate in the market price per common share of Markel Group Inc. common stock for the five-year period ended December 31, 2024 ("5 Year CAGR TSR") in the grid below. The Determination Date will be in February 2025.

Group - Operating Income 2024	
5 Year Average Operating Income	% of Target
Under 900	0 - 40%
900	40%
1,100	60%
1,300	80%
1,500	90%
1,700	100%
1,900	110%
2,100	120%
2,350	140%
2,600	160%
2,800	180%
3,050	200%
Over 3,391	Discretionary

TSR	
5 Year CAGR TSR	% of Target
Under 6%	0 - 40%
6%	40%
7%	60%
8%	80%
9%	90%
10%	100%
11%	110%
12%	120%
13%	140%
14%	160%
15%	180%
16%	200%
17% or more	Discretionary

MARKEL GROUP INC.

2020 EMPLOYEE STOCK PURCHASE PLAN
LONG-TERM SERVICE RESTRICTED STOCK UNIT EFFECTIVE May 18, 2020

AWARD AGREEMENT1. Purpose

The purpose of the Plan is to provide Eligible Employees of Markel and each of its Designated Subsidiaries with the opportunity to purchase Stock in Markel, thereby encouraging

employees to share in the economic growth and success of the company through Stock ownership.

AWARDED TO	AWARD DATE	VESTING SCHEDULE ¹		DISTRIBUTION DATE ²
XXXX	XXXX	VESTING DATE XXX	PERCENTAGE OF UNITS XXX	Five (5) year anniversary of Vesting D

MARKEL GROUP INC. The Plan is divided into two components: a component that is intended to constitute an "employee stock purchase plan" within the meaning of Section 423 of the Code (the "Company" "Qualified Plan Component") grants you ("you" or and a component that does not constitute an "employee stock purchase plan" within the "Participant") XX restricted stock units ("Units" meaning of Section 423 of the Code (the "Non-Qualified Plan Component"). Until Markel intends that any ambiguity in the Vesting Qualified Plan Component or any Qualified Offering (as defined below) be resolved to effect its intent that the Qualified Plan Component constitute an "employee stock purchase plan" as so defined.

The Plan supersedes and replaces the Markel Corporation 2016 Employee Stock Purchase and Bonus Plan (the "Prior Plan"). No further shares of Common Stock will be purchased under the Prior Plan on or after the effective date of this Plan. However, any Stock Bonus Awards, Special Stock Bonus Awards and Company Incentive Payments under the Prior Plan that are outstanding as of the effective date of the Plan with respect to shares purchased or Loans borrowed under the Prior Plan prior to the effective date of the Plan shall remain outstanding and payable in accordance with the terms and conditions of the Prior Plan. In addition, all Loans under the Prior Plan outstanding as of the effective date of the Plan shall remain outstanding and repayable in accordance with the terms and conditions of the Prior Plan. After settlement or repayment of all such outstanding awards and Loans, the Prior Plan shall terminate.

2. Effective Date stated above, these Units are forfeitable

This Plan shall become effective on May 18, 2020, subject to approval by Markel's shareholders.

3. Definitions

3.1 "Account" shall mean the separate bookkeeping account which shall be established and nontransferable, except as specifically provided in this Award Agreement. The maintained by the Administrator for each Participant for each Offering Period to record the Contributions made on his or her behalf to purchase Stock under the Plan.

3.2 "Administrator" shall mean the Compensation Committee of the Company's Board of Directors (the "Committee") of Markel or its authorized delegate will administer this Agreement and its decisions will be final. Any capitalized terms not defined in this Award Agreement will have a duly-authorized delegate.

3.3 "Beneficiary" shall mean the meanings provided in one or more persons designated by the Markel Group Inc. Equity Incentive Compensation Plan in effect at the time of the grant (the "Plan").

The terms of the award are:

1. **Vesting For Units.** If you remain employed through the Vesting Date, the Units will become vested and non-forfeitable. For each vested Unit, the Company will issue you a share of Company Stock.
2. **Distribution of Units.** Once issued, the shares of Company Stock determined Participant in accordance with Section 1 (for purposes of this Section "Awarded Shares") will be distributed the procedures established by the Administrator who is entitled to receive amounts contributed by the Participant and/or deferred in accordance with a. or b. below
 - a. Unless otherwise deferred in b. below, upon attaining the Vesting Date and as soon as administratively practicable but no later than 90 days after the Vesting Date, the Awarded Shares will be issued to you in your name, but the "net" Awarded Shares shall be held in escrow during the Post Vest Holding Period, until such shares become distributable as provided below.
 - i. For purposes act on behalf of the Award Agreement, "net" Awarded Shares" shall mean the number of Awarded Shares, reduced by the number of shares, if any, withheld by the Company to cover the withholding taxes as set forth in Section 8.
 - ii. The Company has designated the Corporate Trust Department of Fidelity Investments (the "Custodian") to serve as custodian of the "net" Awarded Shares during the Post Vest Holding Period. By your acceptance of this Agreement, you hereby appoint the Custodian as your attorney-in-fact with full power and authority to transfer, assign and convey to the Company any of the "net" Awarded Shares forfeited during the Post Vest Holding Period.
 - iii. The "Post Vest Holding Period" means the five-year period beginning on the Vesting Date and ending on the fifth anniversary thereof (the "Post Vest Holding Period"). However, the Post Vest Holding Period shall be earlier terminated upon the occurrence of the following events:
 1. Upon your death or Disability during the Post Vest Holding Period.
 2. Upon a Change in Control which occurs during the Post Vest Holding Period.

iv. The "net" Awarded Shares will be released from escrow and delivered to you within the thirty (30) day period immediately following the close or termination of the Post Vest Holding Period.

v. Notwithstanding the foregoing the Post Vest Holding Period shall not apply if the Awarded Shares vest and are issued in accordance with Section 3.

b. The date of distribution may be elected by you Participant pursuant to a valid deferral election in accordance with procedures determined by the Company. However, with respect to any Awarded Shares which are deferred, such shares will be subject to the requirements of a. above for the remainder of the Post Vest Holding Period if distributed prior to the end of the Post Vest Holding Period.

section 12.

. If necessary or appropriate to ensure orderly administration of the Company's payroll and tax reporting obligations, the Company may accelerate vesting or distribution of restricted stock units up to a maximum of thirty days before the date on which such restricted stock units would otherwise have vested or distributed.

• Distribution is subject to the requirements of Sections 2, 3, and 4 of this Agreement, as applicable.

3. Forfeiture 3.4 "Board" shall mean the Board of Units. In general, if you separate Directors of Markel.

3.5 "Change in Control" shall mean an occurrence of any of the following events: (a) an acquisition (other than directly from service Markel) of any voting securities of Markel (the "Voting Securities") by any "person or group" (within the meaning of section 13(d)(3) or 14(d)(2) of the Exchange Act) other than an employee benefit plan of Markel, immediately after which such person or group has "Beneficial Ownership" (within the meaning of Rule 13d-3 of the Exchange Act) of more than fifty percent (50%) of the combined voting power of Markel's then outstanding Voting Securities; or (b) the consummation of (i) a merger, consolidation or reorganization involving Markel, unless (A) the shareholders of Markel immediately before such merger, consolidation or reorganization own, directly or indirectly immediately following such merger, consolidation or reorganization, more than fifty percent (50%) of the Vesting Date, any unvested Units combined voting power of the entity resulting from such merger, consolidation or reorganization (the "Surviving Corporation") in substantially the same proportion as their ownership immediately before such merger, consolidation or reorganization, and (B) at least a majority of the members of the Board of Directors of the Surviving Corporation were directors of Markel immediately prior to the execution of the agreement providing for such merger, consolidation or reorganization, or (ii) a complete liquidation or dissolution of Markel.

3.6 "Code" shall mean the Internal Revenue Code of 1986, as amended.

3.7 "Contributions" shall mean the payroll deductions or, for Non-Qualified Offerings only, and only to the extent provided for in the Non-Qualified Offering by the Administrator, lump-sum payments or other contributions that a Participant contributes to fund the exercise of an Option pursuant to the Offering. Contributions made in currencies other than U.S. Dollars will be forfeited. Under converted into U.S. Dollars at the circumstances set forth below (subject then existing exchange rate as determined by the Administrator).

3.8 "Designated Subsidiary" shall mean a Subsidiary that the Administrator has designated as eligible to the other terms of this Award Agreement, including Section 5). Units will vest or be forfeited, in whole or part, upon separation from service before the Vesting Date as follows:

- a. **Death or Disability.** If you separate from service due to death or Disability, then the unvested Units will become fully vested and non- forfeitable, and, notwithstanding the five (5) year holding period for distribution, shares will be issued on the date on which your death or Disability occurs or as soon as administratively practicable (but in any event no later than 90 days) thereafter.
- b. **Involuntary Termination; Redundancy.** If you separate from service due to involuntary termination other than for Cause, then the unvested Units will become fully vested and non- forfeitable, and, notwithstanding the five (5) year holding period for distribution, shares will be issued on the date on which your separation from service occurs (or as soon as administratively practicable (but in any event no later than 90 days)) thereafter, subject to Section 4 below.
- c. **Change in Control.** If you separate from service within 12 months after a Change in Control due to Involuntary Termination, then the unvested Units will become fully vested and non- forfeitable, and, notwithstanding the five (5) year holding period for distribution, shares will be issued on the date on which your separation from service occurs (or as soon as administratively practicable (but in any event no later than 90 days) thereafter, subject to Section 4 below. For this purpose, Involuntary Termination means your employment is involuntarily terminated without Cause or you terminate your employment for Good Reason, in each case as defined participate in the Plan.
- d. **Approved Separation of Service.** Paragraphs (a), (b), and/or (c) do not apply, but the Committee or its designee so authorized determines that forfeiture should not occur because the Participant had an approved separation from service. The Committee or its designee so authorized will in his or her sole discretion determine whether or not to apply this provision. If this provision applies, the unvested Units will vest and distribute on the normal schedule, as Unless otherwise provided herein.

4. **Six Month Delay for Specified Employees.** If you separate from service before the Vesting Date as set forth in Section 3 above, other than due to death or Disability, and if you are a "specified employee" (as defined in Section 409A(a)(2)(B)(i) of the Code and the generally applicable Internal Revenue Service guidance thereunder) on the date of your separation, then,

notwithstanding anything in Section 3 to the contrary, no shares will be issued for your Units until the date that is six months after the date of your separation (or until the date of your death, if earlier). Any shares which you would otherwise have been entitled to receive during the first six months following the date of your separation will be issued instead on the date which is six months after the date of your separation (or on the date of your death, if earlier). Whether you are a "specified employee" will be determined under guidelines established by the Company for this purpose.

5. Separation from Administrator, Markel Service, Defined. References throughout this Agreement to Incorporated shall be the Participant's "separation from service" and variations thereof will have the meaning set forth in Section 1.409A-1(h) of the Treasury Regulations, as amended from time to time, applying the default terms thereof.
6. Forfeiture and Restitution. If during the period of the Participant's employment and two years thereafter, the Company's Chief Executive Officer only Designated Subsidiary with respect to any Participant other than Qualified Offering. The Administrator shall designate from time-to-time which Subsidiaries will be eligible to participate in the Plan with respect to any Non-Qualified Offering.

3.9 "Director" shall mean a non-employee member of the Board.

3.10 "Eligible Employee" shall mean each regular full-time and part-time employee of Markel or a Designated Subsidiary, excluding any individual who is classified as an independent contractor in Markel's or a Designated Subsidiary's regular payroll system. With respect to any Qualified Offering, Eligible Employee shall exclude any employee who would own (immediately after the grant of an Option under the Plan) stock possessing 5% or more of the total combined voting power or value of all classes of stock of Markel or any of its Subsidiaries based on the rules set forth in section 423(b)(3) and section 424 of the Code. In addition, with respect to any Qualified Offering, Options will be granted to all Eligible Employees of any corporation whose employees are granted any of such Options by reason of their employment by that corporation, provided that the Administrator may, prior to an Enrollment Period for a Qualified Offering under the Plan and in an identical manner to all employees of every corporation whose employees are granted Options under the Qualified Offering, determine that the Eligible Employees with respect to such Qualified Offering shall not include

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- (a) an employee who has been employed less than 2 years (within the meaning of the Code section 423(b)(4)(A)) (or such lesser period of time as may be determined by the Administrator);
- (b) an employee who customarily is employed (within the meaning of Code section 423(b)(4)(B)) 20 hours or less per week (or such lesser period of time as may be determined by the Administrator);
- (c) an employee who customarily is employed (within the meaning of Code section 423(b)(4)(C)) for not more than 5 months in any calendar year (or such lesser period of time as may be determined by the Administrator);
- (d) an employee who is a highly-compensated employee within the meaning of Code section 414(q) with compensation above a certain level, and/or is an executive officer or subject to disclosure requirements of section 16(a) of the Company Exchange Act, or some other sub-category of highly compensated employees above a designated grade level; and
- (e) an employee who is a citizen or resident of a foreign jurisdiction if the grant of an Option under the Plan or Offering to such person is prohibited under the laws of such foreign jurisdiction or if compliance with the laws would cause the Plan or Offering to violate the requirements of Code section 432.

With respect to any Non-Qualified Offering, the Administrator may establish eligibility conditions pursuant to which certain employees of Markel or any Designated Subsidiary may be excluded from participation in such Non-Qualified Offering.

3.11 "Enrollment Period" shall mean, with respect to any Qualified Offering, the period preceding the start of a Qualified Offering during which Eligible Employees may elect to participate in the Plan for purposes such Qualified Offering. The Administrator shall establish the timing and duration of Section 16 of each Enrollment Period for each Qualified Offering. The Administrator may establish procedures for enrolling Eligible Employees or Directors in Non-Qualified Offering Periods in its discretion.

3.12 "Exchange Act" shall mean the Securities Exchange Act of 1934, (including themselves) or the Committee (with respect to a Section 16 Officer) determines, in their or its sole and complete discretion, that the Participant has engaged in any the following, then they or it may either: (a) cancel this Award without any payment, and/or (b) require the Participant to repay the gross amount as amended.

3.13 "Fair Market Value" as of any payment received under this Award within date shall mean the previous two years, by delivery closing sales price for a share of a number of shares equal to Stock as reported on the number of Units awarded (or New York Stock Exchange on such date; provided, if any given day for which the Fair Market Value thereof in cash): of a share of Stock is to be determined is not a business day, the Fair Market Value shall be deemed to be the closing sales price for a share of Stock on the most recent business day before such day.

3.14 "Markel" shall mean Markel Group Inc., a Virginia corporation, formerly known as Markel Corporation.

a. 3.15 "Offering" shall mean an offer under the Participant has become associated with, recruited or solicited customers or other employees Plan to purchase shares of the Company or its Subsidiaries for, or has become employed by, rendered services to, or acquired any interest in (other than any non-substantial interest) any business that is in competition with the Company or its Subsidiaries.

b. the Participant's employment has been terminated for Cause.

c. the Participant has disclosed the terms of this Agreement to any person other than, Stock on a confidential basis, their spouse, attorneys, accountants Purchase Date. An Offering may be an Offering under the Qualified Plan Component (a "Qualified Offering") or financial advisors or in response to a court order, or

d. under the Participant has engaged in conduct detrimental to the interests of the Company or its Subsidiaries.

In addition, this Award shall be subject to any recoupment or clawback policy that is adopted by, or applicable to, the Company, pursuant to any requirement of law or any exchange listing requirement related to clawback or other recovery of incentive compensation. The provisions of this Section 6 are material consideration for this Award, which would not have been granted had Participant not agreed to them. If a Participant fails to repay in full any amount subject to repayment under this Section 6 within thirty (30) days following a demand from the Company, the Company may enforce the terms of this Section 6 by obtaining a court order against the Participant for the return of such amount, and the Participant consents to jurisdiction in the courts set forth in Section 11 for purposes of obtaining such an order. The Company may also offset any amount it otherwise owes to the Participant to collect any amount due under this Section 6. The remedies outlined in this Section 6 are without limitation as to any other remedies the Company may pursue against the Participant at law or in equity.

7. Transfer Restrictions Non-Qualified Plan Component (a "Non-Qualified Offering"). The Participant's rights to the Units are not subject to sale, assignment, transfer, pledge, or encumbrance.

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8. Tax Withholding. 3.16 "Offering Period" shall mean a period established by the Administrator during which Contributions shall be made pursuant to an Offering under the Plan. Unless alternative arrangements satisfactory otherwise established by the Administrator prior to the Company are made, beginning of a Qualified Offering, all Offering Periods for Qualified Offerings ("Qualified Offering Periods") shall be approximately the Company will withhold from length of a calendar quarter, and shall begin on the payment first business day of a calendar quarter and shall end on the last business day of the same calendar quarter. Unless otherwise established by the Administrator prior to the beginning of a Non-Qualified Offering, all Offering Periods for NonQualified Offerings ("Non-Qualified Offering Periods") shall be approximately the length of a month, and shall begin on the first business day on or after the sixteenth (16th) day of a calendar month and shall end on the last business day on or before the fifteenth (15th) day of the following calendar month; provided that the first Non-Qualified Offering Period shall begin on July 1, 2020 and end on July 15, 2020. In no event shall any Offering Period exceed twenty-seven (27) months.

3.17 "Option" shall mean a Participant's right to purchase shares of Stock in an Offering under the Plan, in accordance with and subject to the terms of such Offering.

3.18 "Participant" shall mean, for each Offering, an Eligible Employee or Director who has satisfied the requirements set forth in section 7 to participate in such Offering. A Participant who is an Eligible Employee is referred to as an "Employee Participant" and a Participant who is a Director is referred to as a "Director Participant."

3.19 "Participating Employer" shall mean, for each Employee Participant as of any date, Markel or a Designated Subsidiary, whichever employs the Employee Participant as of such date.

3.20 "Payroll Deduction Authorization" shall mean the participation election and payroll deduction authorization form which an Eligible Employee shall be required to properly complete and timely file with the Administrator to participate in the Plan for the vested Units related Offering Period. The Administrator shall establish rules and procedures relating to how Eligible Employees may submit Payroll Deduction Authorizations (which may include online or electronic enrollment) and the times during which Payroll Deduction Authorizations must be submitted.

3.21 "Plan" shall mean this Markel Group Inc. 2020 Employee Stock Purchase Plan as set forth herein and as hereafter amended from time to time.

3.22 "Purchase Date" shall mean, for each Offering Period, the last day of such Offering Period.

3.23 "Purchase Price" shall mean the price at which shares with a of Stock shall be purchased in an Offering. For any Qualified Offering, the Purchase Price shall equal the lower of (a) eighty-five percent (85%) of the Fair Market Value equal to the minimum amount of any foreign, federal, state, or local income, employment or other taxes imposed a share of Stock on the payment required to be withheld by law. The first day of the Offering Period or (b) eighty five percent (85%) of the Fair Market Value of a share of Stock on the Purchase Date, or such higher percentage(s) as may be determined by the Administrator for such Offering. For any Non-Qualified Offering, the Purchase Price shall equal 90% of the Fair Market Value of a share of Stock on the Purchase Date, or such higher percentage as may be determined by the Administrator for such Offering.

3.24 "Stock" shall mean the Common Stock of Markel, no par value.

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3.25 "Subsidiary" shall mean, for purposes of the Qualified Plan Component, a subsidiary corporation of Markel as defined under Code section 424(f), and for purposes of the Non-Qualified Plan Component, any subsidiary of Markel as determined by the Administrator.

4. Offerings

(a) Offerings to purchase shares of Stock shall be made to Eligible Employees and Directors in accordance with the Plan from time to time at the discretion of the Administrator. The Administrator will determine the terms of each Offering, which will be determined set forth in writing (or electronic form), provided that all employees granted Options under a Qualified Offering shall have the same rights and privileges in accordance with the requirements of section 423(b)(S) of the Code. In any Qualified Offering, Options can be granted only to Eligible Employees and only to purchase Stock.

(b) Directors are only eligible to participate in the Non-Qualified Plan Component and, unless otherwise provided by the Administrator, shall only be eligible to participate in the Non-Qualified Offerings during which they are otherwise scheduled to receive a payment of cash fees for their services on the Vesting Date. Board. For any Non-Qualified Offering for which they are eligible, Directors may elect to contribute all or a portion of such fees that they would otherwise receive during such Offering Period toward the purchase of Stock on the Purchase Date for such Offering Period, in accordance with the terms and conditions that otherwise apply to such Offering. The Administrator shall establish the terms for the Directors' participation in any Non-Qualified Offerings for which they may be eligible, provided that the maximum amount that a Director may contribute on an aggregate basis for all Non-Qualified Offerings during any calendar year shall not exceed the total amount of the Director's cash fees for services on the Board for such year.

5. Shares Available Under the Plan

Subject to adjustment as provided in section 14, a maximum of 125,000 shares of Stock shall be reserved for purchase upon the exercise of Options granted under the Qualified Plan Component, and an additional maximum of 125,000 shares of Stock shall be reserved for purchase upon the exercise of Options granted under the Non-Qualified Plan Component (for a total combined share reserve of 250,000). Shares reserved for issuance under the Qualified Plan Component may not be issued under the Non-Qualified Plan Component, and vice versa. Any shares of Stock which are subject to Options granted as of the first day of an Offering Period, but which are not purchased on the related Purchase Date shall again become available under the applicable Plan component from which the Options were granted. Shares purchased under the Plan will be, at Markel's discretion, either newly issued shares, shares already owned by Markel (treasury stock), or shares purchased for Participants in the open market, or any combination of the foregoing.

6. Administration

The Administrator shall be responsible for the administration of the Plan and shall have the power in connection with such administration to interpret the Plan, to establish rules and procedures it deems appropriate to administer the Plan, and to take such other action in connection with such administration as it deems necessary or equitable under the circumstances. The Administrator also shall have the power to delegate the duty to perform such administrative functions as the Administrator deems appropriate.

under the circumstances and any action taken in accordance with such delegation shall be considered the action of the Administrator. Any person or management committee to whom the duty to perform an administrative function is delegated shall act on behalf of and shall be responsible to the Administrator for such function. Any action or inaction by or on behalf of the Administrator under the Plan shall be final and binding on each Eligible Employee, Director, Participant and on each other person who makes a claim under the Plan based on the rights, if any, of any such Eligible Employee, Director or Participant under the Plan.

9.7. Binding Effect Participation

(a) An Eligible Employee who is eligible to participate in the Qualified Plan Component may become a Participant in the Plan by submitting a properly completed Payroll Deduction Authorization to the Administrator on or before the last day of the Enrollment Period for a Qualified Offering. An Eligible Employee who is eligible to participate in the Qualified Plan Component may not submit a separate Payroll Deduction Authorization for a Non-Qualified Offering unless otherwise provided by the Administrator. An Eligible Employee who is eligible to participate in the Non-Qualified Plan Component (but not the Qualified Plan Component) may become a Participant in the Plan by submitting a properly completed Payroll Deduction Authorization to the Administrator in accordance with the procedures established by the Administrator for a Non-Qualified Offering. Unless otherwise provided by the Administrator, only employees who are Eligible Employees on the first day of an Enrollment Period, and whose employment as an Eligible Employee continues until the start of the related Qualified Offering, may participate in the Qualified Offering. Employment as an Eligible

Employee shall not be treated as interrupted by a transfer directly between Markel and any Designated Subsidiary which is participating in the Qualified Offering or between one Designated Subsidiary participating in the Offering and another Designated Subsidiary participating in the same Qualified Offering.

(b) In addition, an Eligible Employee who is eligible to participate in the Non-Qualified Plan Component (regardless of whether he or she is also eligible to participate in the Qualified Plan Component) may become a Participant in the Plan by making a lump-sum cash Contribution prior to the Purchase Date for a Non-Qualified Offering in accordance with procedures established by the Administrator.

(c) A Payroll Deduction Authorization shall require an Eligible Employee to provide such information and to take such action as the Administrator in its discretion deems necessary or helpful to the orderly administration of the Plan, including specifying (in accordance with section 8) his or her Contributions to purchase shares of Stock pursuant to the Offering. Unless an Employee Participant files a new Payroll Deduction Authorization during a subsequent Enrollment Period, stops his or her Contributions (or otherwise modifies a Payroll Deduction Authorization) in accordance with section 8(c), or terminates employment or otherwise ceases to be an Eligible Employee pursuant to section 12, he or she will remain a Participant and his or her Payroll Deduction Authorization will continue in effect at the same Contribution rate for future Offering Periods under the Plan as long as the Plan remains in effect. The Administrator may establish procedures (applied on a uniform and nondiscriminatory basis) for enrolling newly hired Eligible Employees or employees who otherwise become Eligible Employee during an Enrollment Period (before the start of the related Offering Period). Otherwise, an Eligible Employee who is hired or who otherwise becomes eligible after the start of an Enrollment Period for an Offering must wait until the Enrollment Period for the next Offering to enroll.

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(d) With respect to Directors, the Administrator shall determine the Enrollment Periods, the form pursuant to which Directors may authorize Contributions of their cash fees for service on the Board for the applicable Non-Qualified Offering Period, and all other terms of the Directors' participation in any Non-Qualified Offering, including whether such authorizations automatically continue for subsequent Non-Qualified Offerings for which the Director may be eligible or whether Directors must submit new authorization forms for each subsequent period.

8. Contributions

(a) Contribution Types. Contributions for a Qualified Offering may be made by payroll deduction only. Contributions for a Non-Qualified Offering by Employee Participants may be made either by payroll deduction or in lump sum payments by cash, check, or wire transfer prior to a Purchase Date, in accordance with procedures established by the Administrator. Contributions for a Non-Qualified Offering by Director Participants may be made in accordance with procedures established by the Administrator in accordance with Section 4(b). In addition, the Administrator may establish procedures in accordance with Code section 423(b)(5) pursuant to which any payroll deduction Contributions elected by an Employee Participant for a Qualified Offering that would otherwise exceed the Statutory Limitation set forth in Section 9(c) below or any other limitation under the Qualified Plan Component for such Qualified Offering will be contributed instead to the Participant's Account under the Non-Qualified Plan Component and used to purchase shares of Stock on the Purchase Date for the next Non-Qualified Offering Period ending after the end of the Qualified Offering Period during which such excess Contributions are contributed, and thereafter the Participant's Payroll Deduction Authorization (unless modified in accordance with Section 8(c) below, or unless the Participant terminates employment or otherwise ceases to be an Eligible Employee in accordance with Section 12) will remain in effect for future Non-Qualified Offerings during the same calendar year, subject to and in accordance with the terms of each Non-Qualified Offering (a "Spill-Over Feature"). In no event shall Markel or any Designated Subsidiary make any matching contribution with respect to Participant Contributions under the Plan.

(b) Payroll Deduction Authorizations. Each Payroll Deduction Authorization made under section 7 shall specify the Employee Participant's Contributions for the Offering, which shall be a percentage of compensation (unless the Administrator determines that Contributions may be designated as a specific dollar amount) which he or she authorizes his or her Participating Employer to deduct from his or her compensation each pay period (as such pay period is determined in accordance with his or her Participating Employer's standard payroll policies and practices) during the Offering Period for which such Payroll Deduction Authorization is in effect. For each Offering, the Administrator shall establish the definition of eligible "compensation" from which an Employee Participant's payroll deduction Contributions will be taken, which for any Qualified Offering will be applicable to all Employee Participants in the Offering on an identical basis. The Administrator shall determine the elements of pay to be included in compensation for purposes of a Qualified Offering in compliance with Code section 423 and may change the definition on a prospective basis (provided it shall apply to all Employee Participants on an identical basis). For Director Participants, the Administrator shall determine the form for making Contribution and other terms of each Director Participant's participation in any Non-Qualified Offering for which the Director Participant is eligible in accordance with Section 4(b). In addition, for any Offering, the Administrator may establish uniform rules regarding (i) required minimum Contribution levels and (ii) limitations on the dollar amounts (or percentages of compensation) that may be contributed, provided

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that all such limitations shall satisfy the requirements of section 423(b)(5) with respect to any Qualified Offering.

(c) **Modifications.** An Employee Participant shall have the right to amend his or her Payroll Deduction Authorization after the end of an Enrollment Period to stop the Contributions which he or she previously had authorized for an Offering Period. Any such adjustment to an Employee Participant's Contributions shall be effective as soon as administratively practicable after the Administrator receives the amended Payroll Deduction Authorization. The Employee Participant will be given the choice to receive a cash distribution of his or her accumulated Contributions for such Offering Period (without interest and at the prevailing currency exchange rate of conversion for Contributions made in currencies other than U.S. dollars) or to purchase shares of Stock at the end of the Offering Period with the accumulated Contributions through the date of such adjustment. No payroll deduction Contributions will be taken for future Offering Periods unless the Employee Participant submits a new Payroll Deduction Authorization during a subsequent Enrollment Period in accordance with section 7. Unless otherwise provided for by the Administrator with respect to an Offering, an Employee Participant shall not otherwise have the right to increase, decrease or reduce the payroll deduction Contributions which he or she previously had authorized for an Offering Period after the end of the Enrollment Period for such Offering Period. The Administrator may establish procedures and deadlines by which Employee Participants must make such amendments to a Payroll Deduction Authorization. The ability of Director Participants to modify Contributions for a Non-Qualified Offering after the Contribution has been authorized shall be determined in accordance with procedures established by the Administrator. Unless otherwise provided by the Administrator, an Eligible Employee or Director may not modify or rescind a lump-sum Contribution election after it has been submitted.

(d) **Account Credits, General Assets and Taxes.** All payroll deduction Contributions made for an Employee Participant shall be credited to his or her Account as of the payday as of which the deduction is made. All other Contributions shall be credited to a Participant's Account in accordance with procedures established by the Administrator. All Contributions shall be held by Markel, by Markel's agent or by one, or more than one, Designated Subsidiary (as determined by the Administrator) as part of the general assets of Markel or any such Designated Subsidiary, and each Participant's right to the Contributions credited to his or her Account shall be those of a general and unsecured creditor. No interest or earnings shall be credited to a Participant's Account. All payroll deduction Contributions shall be taken on an after-tax basis. Unless otherwise provided by the Administrator, statements of purchase activity within a Participant's Account (other than year-end Account statements, which will be mailed to Participants unless a Participant has consented to electronic delivery) will be made available to the Participant online or, if requested by a Participant, mailed to the Participant at the Participant's address on file with the Plan.

9. Granting of Option

(a) **General Rule.** Subject to the limitations stated above, remaining provisions of this Agreement section 9, each person who is a Participant for an Offering Period automatically shall be deemed to have been granted an Option to purchase the number of whole and fractional shares of Stock as may be purchased with the Contributions credited to the Participant's Account during the applicable Offering Period. Notwithstanding the foregoing, the maximum number of shares of Stock that may be purchased by any Participant during any Qualified Offering shall not exceed fifty (50) shares, subject to adjustment under section 14 of the Plan, or such

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other maximum number of shares as the Administrator may establish for a particular Qualified Offering. Fractional shares may be purchased and will be binding upon and inure combined with subsequent purchases of Stock to make whole shares where possible. Subject to the benefit Spill-Over Feature procedures described in Section 8(a) above, any Contributions accumulated in a Participant's Account which, for any reason, are not used to purchase shares of Stock will be returned to the Participant in cash (without interest and at the currency exchange rate of conversion for Contributions made in currencies other than U.S. dollars determined by the Administrator) and shall not be carried over to the next Offering.

(b) **Option Terms.** Each such Option shall be exercisable only in accordance with the terms of the Plan and the applicable Offering pursuant to which the Option has been granted.

(c) **Statutory Limitation.** No Option granted under the Qualified Plan Component to any Eligible Employee shall permit his or her rights to purchase shares of Stock under the Qualified Plan Component or under any other "employee stock purchase plan" (within the meaning of section 423 of the Code) of Markel or any of its Subsidiaries (within the meaning of section 424(f) of the Code) to accrue (within the meaning of section 423(b)(8) of the Code) at a rate which exceeds \$25,000 of the Fair Market Value of such Stock for any calendar year (the "Statutory Limitation"). Such Fair Market Value shall be determined as of the first day of the Offering Period for which the Option is granted.

(d) **Insufficient Available Shares.** If the number of shares of Stock available for purchase for any Offering Period is insufficient to cover the number of shares which Participants have elected to purchase, then each Participant's Option to purchase shares of Stock for such Offering Period shall be reduced to the number of shares of Stock which the Administrator shall determine by multiplying the number of shares of Stock available for Options for such Offering Period by a fraction, the numerator of which shall be the number of shares of Stock for which such Participant would have been granted an Option under section 9(a) if sufficient shares were available and the denominator of which shall be the total number of shares of Stock for which Options would have been granted to all Participants under section 9(a) if sufficient shares were available.

10. Exercise of Option

Unless an Employee Participant files an amended Payroll Deduction Authorization to stop Contributions and chooses a cash distribution under section 8(c), or terminates employment or otherwise ceases to be an Eligible Employee pursuant to section 12, or unless a Director Participant ceases to be a member of the Board pursuant to Section 12, in each case on or before the Purchase Date for an Offering Period for which he or she has made Contributions, his or her Option shall be exercised automatically on such Purchase Date for the purchase of as many whole and fractional shares of Stock as the balance credited to his or her Account as of that date and will purchase at the Purchase Price for such shares of Stock. Unless otherwise provided by the Administrator for a particular Offering, (i) the minimum amount of Contributions an Employee Participant can make in the form of payroll-deduction Contributions for any payroll period shall be fifty U.S. Dollars (\$50) and the minimum amount of Contributions a Participant can make in the form of a lump-sum payment shall be one thousand U.S. Dollars (\$1,000) (or, in either case, the equivalent amount in any foreign currency, converted into U.S. Dollars at the currency exchange rate as determined by the Administrator), and any Contributions below such amount shall be distributed to the Participant in cash (without interest and at the currency exchange rate of conversion for Contributions made in currencies other than U.S. dollars determined by the Administrator) as soon as administratively

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practicable following the end of such Offering Period); and (ii) the maximum amount of Contributions an Employee Participant can make in the form of payroll-deduction Contributions for any payroll period shall be twenty-five thousand U.S. Dollars (\$25,000) and the maximum amount of Contributions a Participant can make in the form of a lump sum payment shall be one hundred and fifty thousand U.S. Dollars (\$150,000) (or, in either case, the equivalent amount in any foreign currency, converted into U.S. Dollars at the currency exchange rate as determined by the Administrator), and subject for Director Participants to the limit set forth in Section 4(b) above, and any excess above such amounts as of the Purchase Date for such Offering shall be distributed to the Participant in cash (without interest and at the currency exchange rate of conversion for Contributions made in currencies other than U.S. dollars determined by the Administrator) as soon as administratively practicable after the end of the Offering Period. The Administrator may establish additional limits (in accordance with Section 423(b)(5) for any Qualified Offering) on the amount that any Participant may contribute during any Offering Period.

11. Delivery of Shares; Holding Period.

Whole and fractional shares of Stock purchased upon the exercise of an Option under the Plan may be registered in book entry form or represented in certificate form and shall be held for the Participant in an investment account maintained by the Plan's third-party custodian. The shares of Stock in a Participant's investment account shall be registered in the Participant's name. No Participant (or any person who makes a claim through a Participant) shall have any interest in any shares of Stock subject to an Option until such Option has been exercised and the related shares of Stock have been registered in the Participant's investment account. The Administrator may impose restrictions on the sale or transfer of shares held in a Participant's investment account in accordance with Code section 423 with respect to any shares of Stock purchased under the Qualified Plan Component. Unless otherwise provided by the Administrator, (i) any shares of Stock purchased upon exercise of an Option under the Qualified Plan Component (w) may not be sold or disposed of by a Participant prior to the first anniversary of the Option exercise date, and (x) may not be transferred out of the Participant's **legatees, distributees, and personal representatives** and investment account prior to the **successors** second anniversary of the **Company** Option grant date (the "Qualified Plan Holding Period"); and (ii) any shares of Stock purchased upon exercise of an Option under the Non-Qualified Plan Component (y) may not be sold or disposed of by a Participant prior to the first anniversary of the Option exercise date, and (z) may not be transferred out of the Participant's investment account prior to the first anniversary of the Option exercise date (the "Non-Qualified Plan Holding Period" and, together with the Qualified Plan Holding Period, the "Holding Period"). After the Holding Period expires with respect to any shares of Stock held in a Participant's investment account, such shares may be transferred to the Participant or to a brokerage account designated by the Participant upon the Participant's request and as directed by the Participant. The Administrator may establish additional procedures for or restrictions on the sale or transfer of fractional shares of Stock. Any fees associated with the sale or transfer of any shares shall be borne by the Participant.

12. Termination of Employment or Other Service; Death

If an Employee Participant's employment with Markel or with a Designated Subsidiary or if a Director Participant's service on the Board terminates before the Purchase Date for an Offering Period for any reason whatsoever (including death but in such case only if the Administrator has timely notice of such death), then his or her Account shall be distributed to the Participant in cash (without interest and at the currency exchange rate of conversion for Contributions made in currencies other than U.S. dollars

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determined by the Administrator) as soon as administratively practicable after the date his or her employment or Board service terminates. If an Employee Participant otherwise ceases to be an Eligible Employee with respect to an Offering on or before the Purchase Date with respect to such Offering, the Employee Participant's aggregate Contributions for such Offering shall be distributed to the Employee Participant in cash (without interest and at the currency exchange rate of conversion for Contributions made in currencies other than U.S. dollars determined by the Administrator) as soon as

administratively practicable after the date he or she ceases to be eligible. Payment shall occur as soon as administratively practicable (and in any event by no later than the March 15th following the end of the applicable Offering Period) and shall be made to the Participant or (in the case of the Participant's death) to the Beneficiary or estate if no Beneficiary is selected. However, if an Employee Participant is transferred directly between Markel and a Designated Subsidiary participating in an Offering or between one Designated Subsidiary participating in an Offering and another Designated Subsidiary participating in the same Offering, his or her employment shall not be treated as having terminated merely because of such transfer. In the case of a leave of absence, the Administrator shall have the authority to determine if and when an Employee Participant's employment has terminated in its sole discretion.

10.13. Transferability

Neither the balance credited to a Participant's Account nor any rights to the exercise of an Option or to receive shares of Stock under the Plan may be assigned, encumbered, alienated, transferred, pledged, or otherwise disposed of in any way by a Participant during his or her lifetime or by any other person during his or her lifetime, and any attempt to do so shall be without effect; provided, however, that the Administrator in its absolute discretion may treat any such action as an election by an Employee Participant to cease future Contributions and withdraw the balance credited to his or her Account in accordance with section 8(c).

14. Adjustment

The number of shares of Stock covered by outstanding Options granted pursuant to the Plan, the related Purchase Price, the number of shares of Stock available under each component of the Plan, the maximum limitation on shares purchasable during an Offering Period, and any other similar terms shall be adjusted by the Board in an equitable manner to reflect any Stock split, Stock dividend or other similar change in the capitalization of Markel without the receipt of consideration by Markel. An adjustment made under this section 14 by the Board shall be conclusive and binding on all affected persons.

15. Amendment or Termination

This Plan may be amended by the Board from time to time to the extent that the Board deems necessary or appropriate, and any such amendment shall be subject to the approval of Markel's shareholders to the extent such approval is required under section 423 of the Code, other applicable law or stock exchange listing requirements. The Board also may terminate the Plan, or any Offering made under the Plan at any time.

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16. Change in Capital Structure Control. The Units will be adjusted as the Committee determines is equitably required in

In the event of a dividend Change in Control, (i) any surviving corporation or acquiring corporation (or the surviving or acquiring corporation's parent company) may assume or continue outstanding Options or may substitute similar options for outstanding Options (with respect to Options granted under the Qualified Plan Component, in accordance with Code section 424), or (ii) otherwise, all outstanding Options under the Plan shall automatically be exercised immediately prior to the consummation of such Change in Control by causing all amounts credited to each Participant's Account to be applied to purchase as many shares of Stock pursuant to the Participant's Option as possible at the Purchase Price, subject to the limitations set forth in the Plan. The Administrator shall use its best efforts to provide at least ten (10) days' prior written notice of the occurrence of a Change in Control and Participants shall, following the receipt of such notice, have the right to terminate their Contributions and receive a cash distribution of their Accounts prior to the effective date of such Change in Control.

17. Acquisitions and Dispositions

The Administrator may, in its sole and absolute discretion, create special Offering Periods for individuals who become Eligible Employees solely in connection with the acquisition of a controlling interest in another company or business by a stock acquisition, merger, reorganization or purchase of assets and, notwithstanding anything in the Plan to the contrary, may provide for special Purchase Dates for Employee Participants who will cease to be Eligible Employees solely in connection with the disposition of all or a portion of any Designated Subsidiary or a portion of Markel, which Offering Periods and Purchase Dates granted pursuant thereto shall, notwithstanding anything stated herein, be subject to such terms and conditions as the Administrator considers appropriate under the circumstances.

18. Indemnity

Markel shall, consistent with applicable law, indemnify members of the Administrator from any liability, loss or other financial consequence with respect to any act or omission relating to his or her conduct in the performance of his or her duties under the Plan, except in relation to matters as to which he or she acted fraudulently or in bad faith in the performance of such duties.

19. Notices

All Payroll Deduction Authorizations and other communications from a Participant to the Administrator under, or in connection with, the Plan shall be deemed to have been filed with the Administrator when actually received in the form specified by the Administrator at the location, or by the person, designated by the Administrator for the receipt of stock, spin-off, stock split-up, subdivision such authorizations and communications.

20. Employment

No offer under the Plan shall constitute an offer of employment, and no acceptance of an offer under the Plan shall constitute an employment agreement. Any such offer or consolidation acceptance shall have no bearing whatsoever on the employment relationship between any Eligible Employee and Markel or any subsidiary of Markel, including a Designated Subsidiary.

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21. Payment of Expenses Related to Plan

The cost, if any, for the delivery of shares of Company Stock to a Participant or other similar changes in capitalization.

11. Interpretation. This Agreement commissions upon the sale of Stock shall be paid by the Participant using such service. Other expenses associated with the Plan, if any, at the discretion of the Administrator, will be construed under and be governed allocated as deemed appropriate by the laws Administrator.

22. Optionees Not Stockholders

Neither the granting of an Option to an employee, nor the deductions from his or her pay shall cause such employee to be a shareholder of the Commonwealth Stock covered by an Option until such shares of Virginia. THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF VIRGINIA OR THE CIRCUIT COURT FOR THE COUNTY OF HENRICO WILL HAVE EXCLUSIVE JURISDICTION OVER ANY DISPUTES ARISING OUT OF OR RELATED TO THE PLAN OR THIS AGREEMENT. Stock have been purchased by and issued to him or her.

23. Taxes

As a condition of participation in the Plan, a Participant shall make such arrangements as Markel or the Participating Employer may require for the satisfaction of any applicable U.S. federal, state, local or foreign tax withholding, and any other required deductions or payments that may arise in connection with the grant or exercise of an Option under the Plan or the sale or disposition of any shares of Stock acquired upon exercise thereof. Markel shall not be required to issue any shares of Stock under the Plan until such obligations are satisfied.

24. Compliance with Applicable Law

No Options may be exercised to any extent unless the shares of Stock to be issued upon such exercise under the Plan are covered by an effective registration statement pursuant to the Securities Act of 1933, as amended, and the Plan is in material compliance with all applicable U.S. federal and state, foreign and other securities, exchange control and other laws applicable to the Plan.

12. 25. Code Section 409A. This Agreement is

Options granted under the Non-Qualified Plan Component are intended to comply with be exempt from the applicable requirements application of Sections 409A(a)(2) through (4) Section 409A of the Code and will be interpreted to under the extent context reasonably permits in accordance with this intent. The parties agree to modify this Agreement short-term deferral exception or the timing (but not the amount) of any payment to the extent necessary to comply compliant with Section 409A of the Code and avoid application of any taxes, penalties, or interest thereunder. However, ambiguities will be construed and interpreted in accordance with such intent.

26. Headings, References and Construction

The headings to sections in the event that any amounts payable under this Agreement are subject Plan have been included for convenience of reference only. Except as otherwise expressly indicated, all references to any taxes, penalties or interest under Section 409A sections (section) in the Plan shall be to sections (section) of the Code or otherwise, Plan. This Plan shall be interpreted and construed in accordance with the Participant will be solely liable for laws of the payment thereof. Commonwealth of Virginia.

13. Acceptance. By accepting any Units or benefits under this Agreement, Participant is accepting all the provisions hereof, including without limitation Section 6 hereof.

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IN WITNESS WHEREOF, the Company Markel has caused this Agreement instrument to be signed duly executed in its name and on its behalf as of the award date shown above, set forth below.

MARKEL

By: /s/ Linda V. Schreiner

MARKEL GROUP INC. Name: Linda V. Schreiner

Title: Senior Vice President, Strategic Management

By: _____ Date: 15 May 2020

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Exhibit 31.1

CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER
PURSUANT TO RULE 13a-14(a)/15d-14(a)

I, Thomas S. Gayner, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Markel Group Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

May 1, July 31, 2024

/s/ Thomas S. Gayner

Thomas S. Gayner
Chief Executive Officer
(Principal Executive Officer)

CERTIFICATION OF PRINCIPAL FINANCIAL OFFICER
PURSUANT TO RULE 13a-14(a)/15d-14(a)

I, Brian J. Costanzo, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Markel Group Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

May 1, July 31, 2024

/s/ Brian J. Costanzo

Brian J. Costanzo

Chief Financial Officer

(Principal Financial Officer)

CERTIFICATION
FURNISHED PURSUANT TO 18 U.S.C. SECTION 1350

In connection with the Quarterly Report of Markel Group Inc. (the "Company") on Form 10-Q for the period ended March 31, 2024 June 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), each of the undersigned certifies pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to his knowledge:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

May 1, July 31, 2024

/s/ Thomas S. Gayner

Thomas S. Gayner

Chief Executive Officer

(Principal Executive Officer)

/s/ Brian J. Costanzo

Brian J. Costanzo

Chief Financial Officer

(Principal Financial Officer)

DISCLAIMER

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